

BENEDICT PABATAO

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PROFESSIONAL EXPERIENCE

Nmblr • Freelance • London, United Kingdom • Senior Software Engineer **March 2024 – Present**

- Designed and deployed cloud infrastructure using GitHub Actions and AWS services (EC2, RDS, Route 53, Elastic Beanstalk, CloudFront), optimizing performance and scalability.
- Refactored the codebase into a monorepo architecture for both front-end and back-end, improving development and enhancing codebase management within a single GitHub repository.
- Introduced continuous integration and continuous deployment (CI/CD) pipelines, improving development workflow, reducing deployment times by 30%, and ensuring high code quality through automated testing.

ESC Partners • New York, USA • Senior Software Engineer **June 2023 – Present**

- Led the cloud infrastructure deployments and architecture designs for global AWS deployments using Bitbucket Pipelines. Automated processes across multiple countries and utility sectors (electric, solar, water, wastewater), resulting in a 30% increase in deployment efficiency.
- Refactored the backend Node.js API to integrate with AWS Cognito, Oracle CCS, and InvoiceCloud. Introduced parallelism techniques that boosted data availability by 80%, significantly enhancing the application's reliability and efficiency for electric, solar, water, and wastewater utility projects.
- Pioneered the migration of a utility management application from Next.js to React.js, achieving a 50% reduction in infrastructure costs and significantly improving the user interface, performance, and overall software quality.

CoDev Philippines • Utah, USA • Software Engineer **March 2022 – May 2023**

- **CoDev Internal Portal** - Contributed in the development of customer internal portal for outsourcing talents, and provided efficient project management and communication tools for CoDev clients.
- **Client: Basemap Inc.**
 - Designed, developed, and deployed advanced hunting and mapping management systems for Basemap Inc., and delivered reliable and innovative solutions for improved hunting experiences.
 - Rapidly and efficiently resolved software issues, minimized downtime, and ensured seamless operation of the hunting and mapping management systems.

Ordermentum • Freelance • NSW, Australia • Senior Software Engineer **Sept 2022 – Feb 2023**

- Designed, developed, and deployed a robust restaurant ordering management system, streamlined food ordering and payment processes for improved efficiency and customer satisfaction.
- Worked closely with Ordermentum stakeholders to gather requirements, prioritize features, and ensure timely delivery of projects.
- Contributed to the development and maintenance of software development processes, including version control and code review processes to ensure consistent and high-quality software delivery.

HCL Technologies Inc, New York, NY • Senior Software Engineer **February 2020 – March 2022**

- Developed and implemented new features for the product software, consistently delivered high-quality and innovative solutions.
- Contributed to comprehensive testing efforts, including the creation of test cases for unit, integration, and acceptance testing, as well as the maintenance and expansion of the test automation suite using Selenium.
- Performed code reviews and provided knowledge transfer support to team members.

Zencomputes Pte. Ltd, Singapore • Software Developer **February 2019 – February 2020**

- Successfully developed and delivered web and mobile applications to clients in Singapore and Malaysia, encompassing both front-end and back-end development responsibilities.
- Contributed to the creation of visually appealing and functional product mockup designs, enhancing user experience and engagement.

Halcyon Digital Media Design, Philippines • Mobile App Developer **March 2018 - February 2019**

- Worked with the development of end-to-end requirements for the mobile development team, contributing to the transformation of business requirements into product features for the front end development.
- Assumed a key role in the mobile development process, which included collaborating with team members and leveraging tools, technologies, and frameworks to deliver high-quality products and meet business objectives.

8Layer Technologies Inc., Philippines • Software Developer (Internship) Nov 2017 - March 2018

- Acted as a software developer intern to assist the development team with tasks and learned from their expertise in the field.
- Contributed to the testing and debugging process to ensure the functionality and user-friendliness of the product.

EDUCATION

Polytechnic University of the Philippines, San Juan, Metro Manila, Philippines June 2014 - April 2018
Bachelor of Science in Information Technology

PROJECTS

Nmblr (ReactJs, NodeJs, SQS, GraphQL, AWS) - <https://nmblr.co>

- a strategic collaboration platform designed specifically for small to medium-sized pharmaceutical and biotechnology companies. It offers comprehensive features that drive conclusive and decisive actions, making it an essential tool for strategic planning and execution in the pharma industry.

MVU Smart Portal (ReactJs, ExpressJs, Oracle, AWS) - <https://www.mvumobile.com>

- delivers a secure gateway to account management, versatile payment options, and precise tracking of electricity usage.

Alexandria Renew (ReactJs, ExpressJs, Oracle, AWS) - <https://www.mvumobile.com>

- delivers a secure gateway to account management, versatile payment options, and precise tracking of waterwaste usage.

WEB Aruba (ReactJs, ExpressJs, Oracle, AWS) - <https://webaruba.com/>

- provides a secure interface for account management, diverse payment options, and meticulous tracking of water usage.

Alexandria Renew (ReactJs, ExpressJs, Oracle, AWS) - <https://myalexrenew.com/>

- a web-based application offering secure access to account details, flexible payment solutions, and comprehensive tracking of wastewater usage

Basemap Inc (ReactJs, NodeJs, GIS, Google Maps) - <https://www.basemap.com/>

- a web-based application, specifically crafted for hunting and tracking animals across the diverse landscapes of America. A GIS system for tracking and hunting wild animals.

Codev (ReactJs, C#, Azure) - <https://production-codev-internal-portal.azurewebsites.net/>

- an ultimate web-based talent recruitment solution, excelling in candidate match-making and automated interviews.

Ordermentum (ReactJs, Prisma, Docker, Microservices, AWS) - <https://www.ordermentum.com/>

- comprehensive web and mobile wholesale online order management system for the food and beverage industry.

HCL Digital Experience (ReactJS, Node, AWS, Kubernetes) - <https://www.hcl-software.com/dx>

- is the fastest way for Practitioners, Developers and IT to deliver trusted Digital Experiences with any Content, Applications, and Processes. It is a web content manager and web portal server combined to provide a platform for building rich, complex online sites.

Bambini Photography (ReactJs, ExpressJs, AWS) - <https://bambiniphoto.sg/>

- presents an innovative and user-centric web application, dedicated to delivering exceptional photography services.

Soon Beng Huat Metal & Hardware Trading

- a transformative digital platform poised to revolutionize the scrap trading industry.

Hope Technik: Click and Collect (React Native, ExpressJs, Postgresql) - <https://www.hopetechnik.com/>

- is a dedicated automated robot arm receiving area which places merchandise into designated 'pigeon hole' shelves for temporary storage to be retrieved at the patron's convenience at a shopping mall.

Luckyah (Ionic Framework, NodeJs, VueJs, Typescript, AWS)

- a comprehensive web and mobile application. It seamlessly integrates wallet management, e-commerce, secure payments, and engaging raffle entries in a user-friendly interface.

Sobida (ElectronJs)

- a simple yet powerful touchscreen application designed exclusively for showcasing the company's profile, achievements, goals and mission in a modern, interactive way.

Kickstart Express (Ionic Framework, NodeJs, Socket.io, AWS, Google Maps)

- is a groundbreaking mobile application designed to streamline parcel delivery, connecting customers and drivers for a seamless and efficient logistics experience.

SKILLS

- ReactJs, Redux, NodeJS, ExpressJS, Prisma
- HTML, CSS, Javascript, Typescript, Ecmascript
- AWS (ECS, S3, SES, CloudWatch, Cloudfront, Cognito, EC2, VPC, Route 53)
- Oracle Inbound Web Services
- CD/CD Pipelines (Bitbucket Pipelines, Github Actions)
- ElasticSearch & Docker
- Postgresql & MongoDB
- Scrum & Agile (Jira, Confluence, Notion)
- System Design & Architecture