Aeolus Villanueva

Full Stack Software Developer

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PROFILE

Seasoned Full Stack Software Developer with over 8 years of comprehensive experience in designing, developing, and maintaining dynamic web applications. Adept in Python, and JavaScript programming languages, coupled with a robust background in leading-edge frameworks such as FastAPI, Django, and React/Vue.js. Proficient in managing relational databases including MySQL and PostgreSQL and skilled in deploying applications using Heroku and containerization technologies like Docker. Proven ability to optimize system performance through Nginx configurations and deliver scalable, high-quality software solutions. Excellent problem-solving skills and a collaborative team player committed to continuous learning and innovation.

Experience

GetGamba
Japan

Senior Full Stack Developer
12/2022 - 12/2024

Description

- Developed and maintained full-stack applications using Django and JavaScript/React.
- Designed and implemented RESTful APIs while ensuring high performance and responsiveness.
- Managed databases including MySQL and PostgreSQL to ensure data integrity and security.
- Deployed applications on Heroku and used Docker for containerization to streamline development and testing environments.
- Utilized Nginx for reverse proxy and load balancing for enhanced application performance.
- Collaborated with cross-functional teams to determine project requirements and deliver high-quality software solutions.

Giftee Inc.
Japan

Backend/DevOps Software Engineer
11/2020 - 12/2022

Description

- Designed and developed a robust Python/Django application, ensuring high performance and scalability for critical business operations.
- Integrated PostgreSQL as the database backend, optimizing queries to enhance data processing and retrieval efficiency.
- Deployed the application to AWS EC2 instances, setting up SSL certification to secure communications and configuring an S3 bucket for efficient file storage.
- Implemented comprehensive test cases to ensure code quality and system reliability, reducing potential bugs and enhancing maintainability.
- Engaged in continuous integration and deployment processes, ensuring timely and efficient software releases.

Jobilla
Finland

Fullstack Software Engineer
08/2018 - 09/2020

Description

- Developed high-traffic web applications using Python, Node.js and React, enhancing user experience and system performance.
- Optimized database queries, which reduced load times by 40% and significantly improved data retrieval efficiency.
- Collaborated with cross-functional teams to design and implement user-centric features, boosting user satisfaction scores by 20%.
- Automated testing procedures, improving code quality and reducing bug incidences by 35%.
- Assisted in front-end development with JavaScript and CSS, enhancing website usability and visual appeal.

Brandnooz Media
Germany

Web Developer
09/2016 - 06/2018

Description

- Expertly designed and developed robust and scalable web applications, leveraging modern frontend technologies such as HTML5, CSS3, JavaScript (ES6+), and React.js to create intuitive and responsive user interfaces.
- Engineered efficient backend systems using Python, Node.js and Express, ensuring seamless integration with databases and enhancing server-side functionality and performance.
- Implemented and managed relational and NoSQL databases like PostgreSQL and MongoDB, optimizing data storage, retrieval, and overall database performance.
- Engineered backend APIs to scrape sports data from external sources by using Python, ensuring up-to-date information for users.
- Collaborated with cross-functional teams, including designers, product managers, and QA engineers, to gather requirements, perform code reviews, and ensure the delivery of high-quality software that met business objectives and user needs.

Skills

Backend & Database: Ruby · Ruby on Rails · Python · Django · Node.js · PostgreSQL · MySQL · MongoDB

Frontend & UI/UX: React.js · Vue.js · Next.js · JavaScript · TypeScript · Material UI · Tailwind CSS · Bootstrap

Cloud & Deployment: AWS EC2 · Lambda · S3 Bucket · Heroku · Apache · Nginx · Docker · Kubernetes

Testing & Version Control: Github · GitLab · Bitbucket · Cypress · RSpec · JEST · Kanban

CERTIFICATIONS

📄 JavaScript | React Certification
HackerRank Certificate

📄 Rest API Certification
HackerRank Certificate

📄 SQL Certification
HackerRank Certificate

Education

Micro Asia College of Science and Technology
Bachelor of Science in Computer Science

Zambales, Philippines
06/2012 - 03/2016