

Douglas Pacheco

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Location: Robinland

Summary

Enthusiastic and results-driven programmer with over 5 years of experience in developing scalable applications and robust APIs. Proficient in leveraging cloud technologies and containerization to enhance system performance. Known for delivering projects on time and exceeding client expectations, I am passionate about clean code and agile methodologies. I am now seeking to contribute my skills in a dynamic team environment.

Experience

Senior Software Engineer

Tech Innovations Inc. — Robinland

March 2021 - Present

- Led the design and implementation of an **API Gateway** that streamlined communication between microservices, resulting in a 30% reduction in response times.
- Developed a **Real-time Chat System** using FastAPI and WebSocket, improving user engagement by 40% and enabling real-time notifications.
- Implemented CI/CD pipelines using **Jenkins**, which reduced deployment times by 50% and improved overall system reliability.
- Mentored junior developers in best practices for using **Docker**, increasing team efficiency in container management.

Software Developer

NextGen Solutions — Robinland

June 2018 - February 2021

- Designed and developed a full-stack **E-commerce Platform** utilizing **Java** and **MongoDB**, which achieved a 25% increase in sales within the first six months of launch. - Collaborated on a **Mobile App** project that integrated with existing systems, resulting in a seamless user experience and a 15% increase in customer satisfaction ratings. - Conducted performance tuning and optimization of database queries, improving data retrieval speeds by 20%.

Skills

- **Java** (Advanced)
 - **Docker** (Advanced)
 - **MongoDB** (Advanced)
 - **Jenkins** (Advanced)
 - **FastAPI** (Intermediate)
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Projects

- **API Gateway**: Developed a robust API gateway using FastAPI, which managed over 10,000 requests per minute while maintaining low latency.
 - **Real-time Chat System**: Created an interactive chat application that supports multiple channels and real-time notifications, enhancing user engagement significantly.
 - **Mobile App**: Collaborated on a cross-platform mobile application, achieving a rating of 4.8 on app stores with over 5,000 downloads in the first month.
 - **E-commerce Platform**: Engineered a scalable e-commerce solution that handled over 1,000 concurrent users, driving significant revenue growth.
 - **Data Analytics Dashboard**: Built a dashboard that visualizes key metrics, enabling stakeholders to make data-driven decisions, leading to a 35% increase in operational efficiency.
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Certifications

- **AWS Certified Solutions Architect**
- **Docker Certified Associate**

- Google Cloud Professional
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Education

Bachelor of Science in Computer Science

University of Robinland — Robinland

Graduated: May 2018

- Graduated with honors, focusing on software development and cloud computing. - Completed a capstone project on scalable web applications that received accolades from faculty.

References

Available upon request.