

Dennis Pham

Port Paul

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Summary

Innovative and results-driven programmer with over 5 years of experience in software development and project management. Proficient in leveraging advanced technologies to design and implement robust applications. A dedicated team player with a strong foundation in cloud computing, machine learning, and real-time systems. Committed to continuous learning and applying best practices to drive organizational success.

Experience

Senior Software Engineer

Tech Innovators Inc. | Port Paul, PA

June 2021 - Present

- Spearheaded the development of a **Data Analytics Dashboard** that improved data visualization and reporting capabilities for internal stakeholders, leading to a 30% reduction in data retrieval times.
- Implemented a **Real-time Chat System** using FastAPI and Redis, enhancing team communication and collaboration efficiency by 25%.
- Managed AWS cloud infrastructure, optimizing costs by 15% through effective resource allocation and monitoring.
- Collaborated with cross-functional teams to adopt **Jenkins** for Continuous Integration/Continuous Deployment (CI/CD) pipelines, which increased deployment speed by 40%.

Software Developer

Creative Solutions LLC | Port Paul, PA

May 2018 - May 2021

- Developed a **Mobile App** for a local retail client that increased user engagement by 50% and boosted sales by 20% during the first quarter post-launch.
 - Utilized **Flask** and MongoDB to create scalable web applications, ensuring robust data handling and user authentication features.
 - Contributed to transitioning legacy systems to a modern architecture using **Kubernetes**, promoting better scalability and reliability.
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Skills

- **AWS**: Intermediate
 - **FastAPI**: Expert
 - **Flask**: Intermediate
 - **Machine Learning**: Advanced
 - **Redis**: Intermediate
 - **Rust**: Advanced
 - **Kubernetes**: Expert
 - **MongoDB**: Intermediate
 - **TypeScript**: Intermediate
 - **Jenkins**: Expert
 - **Git**: Intermediate
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Projects

- **Mobile App**: Developed a cross-platform mobile application for retail that allowed for seamless shopping experiences, integrating payment gateways and user reviews, achieving a 4.8-star rating on app stores.
- **Data Analytics Dashboard**: Created an interactive dashboard using modern visualization tools that provided real-time analytics for business metrics, enabling data-driven decision-making.

- **Real-time Chat System:** Engineered a chat application for internal communications that supports asynchronous messaging and file sharing, fostering a collaborative work environment.
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Certifications

- **Scrum Master Certification**
Certified by Scrum Alliance, 2022
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Education

Bachelor of Science in Computer Science

Port Paul University | Port Paul, PA

Graduated: May 2018

- Dean's List for 4 consecutive years
 - Led a team project that won the university's annual hackathon, developing an innovative solution for local businesses.
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Interests

- Open-source contributions
 - Participation in hackathons
 - Exploring new programming languages and frameworks
 - Mentoring aspiring programmers and students in coding bootcamps
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References available upon request.