

PRANAV DHARAMTHOK

+1 971-428-4520 ✉ pran4@pdx.edu 🌐 <https://www.linkedin.com/in/dharamthokpranav/>

EDUCATION

Portland State University

Master of Science in Computer Science (GPA: 3.8/4)

September 2022 – March 2024

Portland, Oregon

Sant Gadge Baba Amravati University

Bachelor of Engineering in Computer Science (GPA: 7.6/10)

June 2013 – July 2017

Maharashtra, India

TECHNICAL SKILLS

Languages: Java, PHP, Python, JavaScript, TypeScript

Frameworks/Technologies: Spring MVC, SaaS platforms, Docker, Kubernetes, React, Alfresco, .NET

Databases: MySQL, PostgreSQL (Performance Optimization)

APIs: RESTful API Design and Integration, Microservices Architecture

DevOps: CI/CD Pipelines, Jenkins, Azure Kubernetes Service (AKS)

Cloud Platforms: AWS, Azure, Google Cloud Platform

Version Control: Git

Methodologies: Agile/Scrum, Secure Systems Development Lifecycle (SSDLC)

Soft Skills: Leadership, Problem-Solving, Effective Communication, Agile Project Management

EXPERIENCE

Pinky Promise

March 2021 – August 2022

Software Engineer

India

- Led the development of scalable **SaaS** solutions using **Java**, focusing on improving support processes and reducing bottlenecks.
- Implemented container orchestration systems to enhance application scalability and reliability, leading to a 20% improvement in system resilience.
- Pioneered the architecture and launch of secure, scalable **microservices and RESTful APIs** tailored for sophisticated payment processes, achieving compliance with stringent security and regulatory frameworks.
- Orchestrated project management on **AWS**, championing containerization to bolster system scalability and maintenance, resulting in a 20% boost in system resilience.
- Mobilized a cross-functional team towards creating tech solutions that elevated internal business operations, fostering an environment of innovation and team synergy.
- Supervised the comprehensive lifecycle of application systems from acquisition to maintenance, ensuring flawless integration and adherence to exacting technical standards.

Austere Systems

March 2019 – March 2021

Software Development Engineer

India

- Engineered software solutions with a focus on **SaaS platforms**, contributing to the development of highly efficient and scalable systems using container orchestration.
- Played a key role in software design and architecture, using **JAVA for backend and MySQL** for database management, which directly contributed to a 15% improvement in database efficiency.
- Steered a team of 14 developers as the primary technical lead, instituting best practices and **software design paradigms** that heightened project delivery efficiency by 25%.
- Catalyzed product R&D efforts, leveraging in-depth data structures and IT knowledge to forge pathbreaking solutions.
- Elevated the team's **agile methodologies**, refining backlog management and sprint planning, which accelerated real-time system development cycles by 30%.

Kaldin Solutions

November 2017 – February 2019

Software Associate

India

- Crafted a CRM system with dynamic visual reporting and an **analytical dashboard**, alongside a vehicle tracking framework that integrated Google Maps and multiple APIs, enhancing operational efficiency and user engagement.
- Contributed significantly across all phases of the software development lifecycle, emphasizing robust unit testing practices that solidified software reliability.
- Implemented best practices in unit testing and applied robust testing frameworks, ensuring high software reliability and consistent quality.

ACADEMIC/PROFESSIONAL PROJECTS

Pinky Promise | *JAVA, React, MongoDB, Socket.io, Firebase*

- * Worked in a backend team to build a Pinky Promise that uses JAVA and MongoDB, this app gathers symptoms in the form of responses from women and diagnoses of diseases, achieving a user base growth of 40% in the first year.
- * Fostered a supportive community with chatrooms where women can anonymously discuss issues such as pregnancy, periods, and fertility with other women, enhancing user retention by 30%
- * Strategically integrated communication features, including email and push notifications, to facilitate seamless interactions between users and healthcare professionals with 70% increase in communication in 3 months.

Chatx | *Node.js, React, Socket.io*

- * Developed "Chatx," a dynamic chat application leveraging Node.js and React, with Socket.io enabling real-time messaging and updates for a seamless user experience.
- * Implemented secure, encrypted private rooms to ensure user privacy and confidentiality in communications.
- * Integrated email functionalities, enabling effortless sharing of chat transcripts and invites directly from the application.

Click-N-Split: | *JAVA, Angular, MongoDB*

- * Worked in a team to develop "Click-N-Split," a cutting-edge bill-splitting web and mobile application, utilizing Node.js for backend and React and React-native for frontend development.
- * Integrated Optical Character Recognition (OCR) technology for extracting bill details from images, streamlining the bill-splitting process.
- * Implemented an efficient system in JAVA to tabulate extracted bill information, displaying it in a user-friendly tabular format for effortless sharing and division of expenses.
- * Designed a convenient email integration feature, enabling users to send individual share amounts directly from the app, enhancing user convenience and engagement.
- * Conducted extensive testing and quality assurance, ensuring robust application functionality and a user-centric experience.

MarkeTOP CRM: | *JAVA, Angular, MySQL*

- * Developed an advanced CRM that automates the ingestion of Excel sheets into the database via a user-friendly dashboard, enhancing operational efficiency and data management.
- * Engineered 7 dynamic analytics functionality, enabling real-time insights and reporting for data-driven decision-making across user, manager, and owner levels.
- * Incorporated comprehensive ticket raising, alongside email and SMS sending, scheduling, and sequencing capabilities, facilitating effective communication and workflow management, achieving 30% growth in communication in 3 months.
- * Implemented a lead generation module, empowering sales teams with tools for capturing and nurturing leads, significantly improving conversion rates.

ModelSchool Mobile App Backend: *PHP Symphony, MySQL*

- * Worked in a backend team to develop a project in PHP, supporting key features such as attendance tracking, circular notifications, assignment distribution, fee management, timetables, and leave management for a comprehensive school management solution, achieving a user base growth of 40% in the first 6 months.
- * Engineered a robust attendance system, enabling both manual and automated recording to ensure accurate tracking of student presence.
- * Implemented a dynamic circular system for distributing important notifications and updates to students, staff, and parents, enhancing communication efficiency.
- * Designed and integrated a secure 100% secure fee payment and management module, facilitating smooth and transparent financial transactions between parents and the institution.