

# PRANAV DHARAMTHOK

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## EDUCATION

### Portland State University

Master of Science in Computer Science

September 2022 – June 2024

Portland, Oregon

### Sant Gadge Baba Amravati University

Bachelor of Engineering in Computer Science

June 2013 – July 2017

Maharashtra, India

## TECHNICAL SKILLS

**Programming Languages:** HTML/CSS, JavaScript, Typescript, JAVA

**Frameworks/Technologies:** Docker, Next.js, Node.js, Angular, Express.js, Microservices, RESTful APIs, NPM

**Cloud Platforms:** AWS (including EC2, containerization, Google Cloud Platform, Vercel)

**Databases:** Postgres, MySQL, MongoDB

**Core Competencies:** Full Stack Development, Information Technology, Product Development, Software Design, System Architecture

**Development Practices:** Agile/Scrum methodologies, Sprint Planning, Unit Testing, Software Design, System Architecture, Continuous Integration, Shell Scripting

**Tools:** Git/GitHub, Bitbucket, JIRA, Jenkins

**Others:** JSON, Data Structures, Database Management, Networking, DevOps/CI Practices, Payment Systems, Email and SMS Notification Services, API development and integration, Quality Assurance, Audit and Compliance knowledge

## EXPERIENCE

### Pinky Promise

March 2021 – August 2022

Software Engineer

India

- \* Led the design & development of scalable microservices and RESTful APIs in Node.js, focusing on payment processing technologies such as ACH, Wire, and Instant Payments. Ensured top-tier security & compliance with regulatory and audit requirements.
- \* Developed software application in Node.js, leveraging cloud platforms (AWS) for deployment & maintenance, emphasizing containerization for efficient scaling.
- \* Spearheaded a team focused on developing technology solutions that enhanced the efficiency of internal business functions, applying an interdisciplinary and collaborative approach to system design.
- \* Conducted in-depth research to inform the development of new products, resulting in a significant increase in market share.
- \* Directed the acquisition, deployment, and ongoing maintenance of application systems, ensuring compatibility of all interfaces and adherence to technical performance requirements.

### Austere Systems

March 2019 – March 2021

Software Development Engineer

India

- \* Designed and led software development projects using Node.js and Angular, focusing on server-side applications, data management, and securing RESTful APIs to improve performance and reliability.
- \* Played a key leadership role as the primary technical lead, guiding a team of 14 developers in resource management, task distribution, and adhering to delivery schedules, while also establishing software design patterns and system architecture best practices.
- \* Directed the relocation of IT infrastructure, optimizing for performance and scalability while ensuring minimal downtime.
- \* Led product research and development initiatives, applying extensive knowledge in data structures and information technology to create innovative solutions.
- \* Implemented effective operational processes and systems within the team to ensure regulatory and audit compliance, demonstrating a strong commitment to quality, strength, and integrity.
- \* Advanced the team's agile capabilities through effective backlog management, sprint planning, and the adoption of iterative development processes for real-time system design and implementation.

### Kaldin Solutions

November 2017 – February 2019

Software Associate

India

- \* Developed a custom CRM system in JAVA featuring dynamic visual reports and an analytical dashboard, alongside a Java-based vehicle tracking system with integrated Google Maps and various APIs.
- \* Played a comprehensive role in the software development lifecycle, from design and coding to analysis, significantly contributing to the team.
- \* Implemented best practices in unit testing and applied robust testing frameworks, ensuring high software reliability and consistent quality.

## ACADEMIC PROJECTS

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**Pinky Promise** | *Node.js, React, React-Native, MongoDB, Socket.io, Firebase*

**August 2022**

- \* Developed Pinky Promise that uses NodeJS and React Native and MongoDB, this app gathers symptoms in the form of responses from women and diagnoses of diseases.
- \* Implemented features like chatrooms where women can anonymously discuss issues such as pregnancy, periods, and fertility with other women
- \* Integrated email functionalities, push notifications and sending prescription requests to doctors, and book pathology tests if necessary.

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

**May 2023**

- \* 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:** | *Node.js, Angular, React, MongoDB*

**February 2023**

- \* Developed "Click-N-Split," a cutting-edge bill-splitting web and mobile application, utilizing Node.js for backend and Angular for frontend development.
- \* Integrated Optical Character Recognition (OCR) technology for extracting bill details from images, streamlining the bill-splitting process.
- \* 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.