

# DEVAM PATEL

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## EDUCATION

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### Portland State University

Master of Science, Computer Science (Software Engineering)

Portland, OR

Expected: March 2025

### University of Portland

Bachelor of Science, Computer Science

GPA: 3.75

Portland, OR

Aug 2019 - May 2023

## RELEVANT EXPERIENCE

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### Software Engineer

Coherent Inc.

Oct 2022 - May 2023

Santa Clara, CA

- Developed a POST (Power On Self Tests) code framework for automatically running test sequences for laser systems.
- Replaced legacy single-file system with a modular architecture employing the singleton design pattern, efficiently managing all test files for improved system organization and adaptability.
- Implemented additional features which allowed users to add/remove tests and generate documentation.
- Utilized C++, Visual Studio, and Azure Devops Server for version control.

### Software Engineer Intern

Coherent Inc.

May 2022 - Aug 2022

Santa Clara, CA

- Collaborated with a small team of software engineers to implement unit tests for Coherent lasers.
- Published ~5500 lines of C++ test code using the Google Test framework.
- Thoroughly tested Coherent lasers and reported/fixed any major bugs that were found.

## PROJECTS

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### Chuckler App | *in-progress* | Flutter, Dart, iOS, Android

- Actively collaborating with another developer to develop an interactive social party game app.
- Engaging users through daily prompts, top answer submissions, custom responses, and other social media elements to cultivate a vibrant and humorous community.
- Utilizing the Flutter framework and Firebase to ensure a cross-platform and dynamic user experience on both iOS and Android.
- Project is currently in the implementation phase and is expected to launch by Summer 2024.

### PDX Diagnosis Medical App | *React Native, JavaScript, PHP*

- Designed and developed a user-friendly medical app for Physical Diagnosis PDX using React Native/Expo frameworks and JavaScript.
- Implemented backend functionality using PHP to retrieve and display data from client's MySQL database.
- Successfully applied Agile software development principles, conducting requirements presentations, collaborating with clients, conducting sprint/team plannings, and ensuring frequent software delivery.

### dpatel.co | *HTML, CSS*

- Designed and implemented a personal website using vanilla HTML and CSS to gain practical experience in web development.
- Showcased an array of projects, skills, and professional experiences on the website, providing a user-friendly platform for visitors to explore and gain insights into my capabilities.
- Elevated online visibility by hosting the website on GitHub Pages, seamlessly linking it to a personally-owned domain.

### iBay | *Linux, Apache, MySQL, PHP*

- Developed an eBay replica that allowed users to actively engage in auctions through live bidding and sales, while ensuring accurate real-time updates of ongoing auctions.
- Implemented a Python parser to efficiently parse a CSV dataset containing 65,000 records, transforming the data into smaller CSV files that accurately represented tables in a MySQL database.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, HTML/CSS, JavaScript, Dart, PHP, SQL (MySQL, PostgreSQL, SQLite)

**Frameworks:** React Native, Flutter, Node.js, Google Test, Expo

**Developer Tools:** Git, Linux, AWS (EC2), Azure Devops, Visual Studio/Code, Android Studio