

PRIYADARSAN MAHENDIRAN

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Education

PSG College of Technology

Bachelor of Engineering in Computer Science - 8.9/10

Aug. 2018 – May 2022

Coimbatore, Tamilnadu

Experience

Walmart Global Tech India

Software Engineer III

Sep 2024 – Present

Chennai, Tamilnadu

- Involved in designing and developing highly reusable and platform code in Java using Spring for back-end and in Kotlin for mobile for various business functionalities in Warehouse Management System domain.
- Actively involved in design reviews and code reviews to maintain code quality greater than 80 percent.
- Ensured unit test case coverage of minimum 80 percent.

Walmart Global Tech India

Software Engineer II

Jul 2022 – Aug 2024

Chennai, Tamilnadu

- Involved in development of NextGen Warehouse Management System in Walmart Supply Chain.
- Awarded with Excellence Award two times within six months for fixing the highest number of bugs and high quality delivery of new requirements which fast-tracked the stabilization of stage environment by at least 30 percent.
- Ensured unit test case coverage of minimum 80 percent.

Walmart Global Tech India

Software Engineer Intern

Jan 2022 – Jul 2022

Bangalore, Karnataka

- Developed a full stack web application which serves the purpose of translating strings within the organization which reduced the manual efforts by 80 percent.
- Engineered an intuitive front-end user experience using React.js for an enterprise-level application, while also constructing a robust back-end in Java interfacing with Azure SQL database, effectively streamlining data retrieval times by 30.

Projects

Image Restoration Using Deep Learning | *Python, Scikit-learn, Tensorflow*

Jan 2022 - May 2022

- Designed and developed a series of Neural Networks to restore deteriorated images using Python.
- Explored various Convolution Neural Networks to implement three pipelines to restore the images - Denoising, Colourising and Increasing the quality of images.

Soukya - vRehab | *Python, OpenCV, Google Firebase*

Aug 2021 - Dec 2021

- Developed a web application integrated with Python OpenCV model for doctors to monitor the physiotherapy exercises performed by patients.
- Implemented the OpenCV model to use the camera in mobile phones and laptops to record the exercises and evaluated the performance based on the inputs from doctors.

BLOK | *PHP, HTML, CSS, Bootstrap, PostgreSQL*

Jan 2020 - Nov 2020

- Designed a simple web application to book classrooms and seminar halls inside the college premises.
- Used HTML, CSS and Bootstrap to create the user interface for better user experience.
- Implemented database using PostgreSQL for storing User Data and Classroom Data.

Technical Skills

Languages: Java, Python, Kotlin, JavaScript, SQL

Technologies/Frameworks: Spring, Looper, GitHub, JUnit, React

Databases: AzureSQL, MySQL, MongoDB, Cosmos, BigQuery

Developer Tools: VS Code, IntelliJ, Android Studio

Messaging Systems: Apache Kafka, IBM MQ

Cloud Technologies: Kubernetes, Docker

Awards

Bravo Award

Walmart Global Tech

Jun 2024

Excellence Award

Walmart Global Tech

Jan 2024