

Yash Omprakash Varma

Pune, Maharashtra

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Education

G.S. Moze College of Engineering, Pune

Bachelor of Computer Engineering (CGPA – 8.36)

2019 - 2023

Maharashtra, India

Technical Skills

Programming Languages: Java, Python, HTML5, CSS3, JavaScript, TypeScript

Frontend Frameworks: Angular, Bootstrap, Angular Material

Backend Technologies: Spring Boot, Spring JPA, RESTful API Development

Tools and Platforms: WordPress, Git, GitHub, GitLab, Postman, Visual Studio Code, Eclipse, Spring Tool Suite

Databases: MySQL, PostgreSQL

Other Skills: API Integration, Agile Methodology, SDLC, UML, Object-Oriented Programming (OOP)

Experience

Maveric Systems Limited

August 2023 – Present

Software Development Engineer (SDE)

Pune

- Frontend Development: Developed dynamic, responsive web applications using Angular 16 and Bootstrap 5, improving user experience by 25%.
- Backend Development: Designed and implemented RESTful APIs with Spring Boot, optimizing performance and reducing response time by 30%.
- Database Management: Enhanced data consistency by designing efficient schemas and managing databases using MySQL and PostgreSQL.
- Cross-Team Collaboration: Worked closely with backend and QA teams to resolve integration issues, achieving a 40% reduction in deployment time.
- Automation and Optimization: Backend API testing processes using Postman, reducing manual testing efforts by 20%.

Associate Software Development Engineer (SDE)

Pune

- Led frontend development efforts for the Retail Banking Application project, implementing Angular-based user interface components and ensuring seamless user experience across diverse banking functionalities, resulting in a 30% increase in user engagement and a 20% reduction in user-reported issues related to navigation and usability.
- Collaborated closely with backend development team to integrate robust APIs, enabling real-time data updates and enhancing system reliability, contributing to a 25% improvement in system performance and a 40% reduction in backend/frontend integration bugs during testing phases.
- Developed and maintained a custom API endpoint catering to a specific functionality, ensuring scalability and efficiency, contributing to a 20% reduction in response time for API requests and a 15% increase in overall system reliability during peak usage periods.

OneVoice Transmedia Pvt. Ltd.

January 2022 – February 2022

Web Developer Intern

Ahmednagar

- Engineered a dynamic WordPress website for a 3-star hotel, leading to a 30% surge in online bookings and a 25% increase in customer inquiries within six months
- Implemented SEO strategies for the hotel website, leading to a 40% boost in search engine visibility and a 15% increase in organic web traffic, resulting in a significant improvement in the hotel's online presence and brand recognition.

Projects

Vehicle Detection using Deep Learning | *Python, YOLOv8, PyTorch*

- Implemented a robust vehicle detection system leveraging a deep learning model within the PyTorch framework. Achieved an outstanding mean Average Precision (mAP) value of 92.1%, indicative of precise object localization and classification.
- Applied cutting-edge computer vision algorithms to classify six distinct vehicle types, enhancing object detection accuracy by 35% and contributing to a 20% reduction in false positives in traffic monitoring systems.

AI Voice Assistant | *Python, NLP*

- Engineered an A.I. voice assistant using Python, incorporating advanced Natural Language Processing techniques for effective user interaction.
- Devised a diverse range of functionalities, enabling tasks such as setting reminders, web searches, music playback, personalized recommendations, and timely information delivery.

Achievements

- Received High-Five award for Commitment in Maveric Systems
- Author of the Research Paper on “Vehicle Detection Using Deep Learning” recognized by the GIS Science Journal – ISSN NO: 1869-9391 | [Vehicle Detection Using Deep Learning](#)
- Ranked 12th at GeeksforGeeks, showcasing proficiency in solving diverse programming challenges at institute level
- Recognized for participation in Round 1A of the Global Programming Competition, SnackDown 2021, highlighting competitive programming capabilities on a global scale.