

Rupesh Devasam

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| <https://rupeshdevasam.vercel.app/>

SUMMARY

I am a **Full Stack Developer** with 4 years of experience in **frontend** and **backend** development, specializing in **React, Vue.js, FastAPI, Node.js, and Python**. I build scalable web applications, optimize performance, and create efficient APIs. Currently pursuing an **MS in Computer Science** at UMBC, I am seeking a **Summer 2025 Software Engineering Internship** to apply my skills in a dynamic environment.

EDUCATION

<i>University of Maryland Baltimore County</i> Baltimore, MD	May 2026
Master of Science in Computer Science	
<i>Jawaharlal Nehru Technological University Kakinada (AITAM)</i> Andhra Pradesh, INDIA	Sep 2020
Bachelor of Science in Computer Science	

EMPLOYMENT EXPERIENCE

Survey Monkey, Software Engineer II , Bangalore, India	Mar 2024 – Jun 2024
<ul style="list-style-type: none">Developed and enhanced full-stack features for high-traffic survey applications using React, FastAPI, and Python, improving performance and scalability for 100K+ users.Built reusable UI components in React and ensured seamless integration with FastAPI backend, reducing development time for new features by 30%.Designed and optimized RESTful APIs in FastAPI, improving data retrieval efficiency and reducing API response times by 25%.Collaborated with cross-functional teams using Figma to refine UI/UX designs, enhancing user experience and accessibility across web platforms.Actively participated in daily code concaves, contributing to architectural discussions, code reviews, and best practices to improve code quality and maintainability.	
Visnet AI, Web Developer , Hyderabad, India	Apr 2023 – Feb 2024
<ul style="list-style-type: none">Led the development and implementation of web strategies using Vue.js, FastAPI, and MongoDB, enhancing user experience and engagement across multiple platforms.Designed and optimized RESTful APIs in FastAPI, improving data retrieval efficiency and reducing response times by 30%.Built and maintained scalable frontend components in Vue.js, reducing development time for new features by 35% and improving UI consistency.Analyzed web performance metrics and implemented optimizations, leading to a 25% improvement in page load speed.Collaborated with cross-functional teams to align web initiatives with business goals, driving brand visibility and platform scalability.	
Valuelabs, Full stack developer & Intern , Hyderabad, India	Aug 2019 – Mar 2023
<ul style="list-style-type: none">Developed and maintained scalable web applications using React, Vue.js, Node.js, and Express, improving frontend performance and user experience for enterprise clients.Designed and improved RESTful APIs in Node.js and Express, reducing response times by 30% and enhancing data retrieval efficiency.Integrated SQL and MongoDB databases, optimizing queries and improving data processing speed by 25%.Automated development workflows and repetitive tasks using shell scripting, increasing deployment efficiency and reducing manual intervention.	
Tata Consultancy Services, SDE Intern , Hyderabad, India	May 2019 – July 2019
<ul style="list-style-type: none">Developed and enhanced Flask-based web applications, improving backend efficiency and reducing response times by 25%.Designed and implemented dynamic frontend interfaces using HTML, CSS, and JavaScript, enhancing user experience and accessibility.Built and integrated MongoDB for efficient data storage and retrieval, improving query performance for client demo projects.	

PROJECTS

VisnetAI – Company's Portfolio

- Developed the official website for **Visnet AI Technology Pvt Ltd**, a startup specializing in AI-driven solutions for drone surveillance and management. Utilizing **Vue.js**, I created a modular, serverless, and multi-compatible frontend framework, ensuring seamless deployment and scalability. The website effectively showcases Visnet AI's expertise in deep vision systems, including facial feature recognition, autonomous drone inspections, and advanced image and video analysis. This project highlights my proficiency in modern web development and my ability to deliver dynamic, user-centric applications aligned with strategic business objectives.
- Live site:** <https://visnetai.co/>

Twitter Real-time Tweet Streamer

- Developed a real-time tweet streaming application utilizing MERN stack and WebSockets. The system connects to the Twitter API v2, capturing live tweets based on specified keywords and hashtags. An interactive frontend dashboard, built with React, displays these tweets in real-time, providing users with immediate insights into trending topics. The application is optimized for low latency, ensuring timely data delivery even during high traffic periods.
- Github:** <https://github.com/Rupeshdevasam/twitter-realtime-tweet-streamer>

Netflix Clone (Basic) – TMDB API Integration

- Created a basic clone of the Netflix application using React and the TMDB API. The project showcases dynamic rendering of movie data, including categories, ratings, and descriptions. The user interface is designed with Tailwind CSS, ensuring a responsive and visually appealing experience across devices. This project demonstrates proficiency in API integration and frontend development, replicating core features of a popular streaming service.
- Github:** <https://github.com/Rupeshdevasam/Netflix-TMDB-clone-basic>

LinkedIn Clone – Social Media Web App

- The **LinkedIn Clone** project is a frontend application developed using **React** that emulates the user interface of LinkedIn's web pages. This project focuses on replicating the visual design and layout of LinkedIn, providing a platform to practice and showcase skills in React and frontend development. While it does not include backend functionalities or real-time data interactions, it serves as a valuable exercise in UI/UX design and component-based architecture.
- Github:** <https://github.com/Rupeshdevasam/Linkedin-clone>

TECHNICAL SKILLS

Programming Languages: Javascript | Python | Java | C++ | C | SQL | PHP | Shell scripting

Frontend technologies: React.js | Vue.js | Tailwind | HTML | CSS | Three.js | RWD

Backend technologies: Node.js | Express.js | Flask | FastAPI

Database technologies: MongoDB, PostgreSQL, MySQL, Redis

Software & Tools: Git | Postman | Android Studio | Atlassian tools (Jira, Confluence) | Figma

Frameworks & Libraries: MERN | REST | Pandas | NumPy | Matplotlib | Seaborn

Cloud Platforms: AWS (Lambda, S3, EC2, DB2)

Operating Systems: Windows | Linux | MacOS

Other Skills: Full-Stack Development | Web Development | API Development | Application Development | Process Automation | UI/UX Design | Data Visualization | CI/CD Pipelines | Data Preprocessing | NLP | Computer Vision

Certifications & Recognitions

- Winner**, CSI Hackathon 2018 – AITAM, India.
- Star Award** – Recognized by ValueLabs for outstanding contributions.
- Training Excellence Award** – Awarded by ValueLabs for mentoring employees on Vue.js and Node.js.
- Certificate of Appreciation** – AITAM, for developing the official E-Learning portal.
- Certified in Python** – IIT Madras.
- Certified in C++** – IIT Bombay.
- Certified in C** – IIT Kharagpur.