Himanshu Mishra

Portfolio.HimanshuMishir.in | github.com/HimanshuMishir
hm221311@gmail.com | +91 9506005060 | Varanasi, IN

LINKS

Github:// **HimanshuMishir**
LinkedIn:// **HimanshuMishir**
Leetcode:// **HimanshuMishir**
Hackerrank:// **hm221311**

ABOUT ME

Highly skilled Backend Engineer with 3+ years of experience in architecting and optimizing scalable, high-performance systems. Specialized in Node.js, React, Angular, AI-powered attendance management, video analytics, object detection, and ANPR. Designed and implemented applications handling 20L+ enrolled images, ensuring real-time processing and seamless scalability. Experienced in building projects using Blockchain, Golang, and MySQL, with hands-on expertise in Docker, Kubernetes, and CI/CD pipelines for automated deployment. Passionate about building robust, efficient backend solutions and distributed systems.

EDUCATION

CHAUDHARY CHARAN SINGH UNIVERSITY

B.Tech in Computer Science Engineering
Jul 2022 | Meerut, IN
7.42 CGPA

KVN PUBLIC SCHOOL

High School/Intermediate
2016 - 2018 | Varanasi, IN
9 CGPA

SKILLS

PROGRAMMING LANGUAGES
• JavaScript • Node.js • C/C++
• Python • Shell Scripting • SQL

BACKEND TECHNOLOGIES
• Node.js • Express.js • WebSocket
• REST APIs • GraphQL • MySQL
• MongoDB • Redis • ORM (Sequelize)
• API Design • Microservices • Docker
• Kubernetes • PM2 • NGINX • SSL

FRONTEND TECHNOLOGIES
• HTML • CSS • JavaScript
• React.js • Angular • TypeScript

DEVOPS & TOOLS
• Docker • Kubernetes • CI/CD
• AWS • GCP • Git/GitHub
• Linux • MacOS • Windows
• Networking (Firewalls, Load Balancing)

INTERESTS
• Blockchain • NFT • DeFi
• Banking & Finance • Learning New Technologies

EXPERIENCE

EI NETWORKS PVT. LTD. | Full-Stack Engineer
Jul 2022 - Present | New Delhi, IN
- Migrated a **legacy Angular 7 frontend to React 18**, enhancing performance, maintainability, and user experience.
- Optimized the **backend in Node.js**, scaling it to handle **30L+ enrolled images** and **2Cr+ monthly recognition events** from cameras and devices.
- Led the development of a **scalable Live Transcription SaaS** in **Node.js**, supporting **20,000+ users** via **WebSocket and Redis** for real-time communication.
- Built an **MQTT-based middleware** in Node.js for seamless **Face-Attendance Device** integration with **AMS**, ensuring real-time, efficient communication.
- Secured **STQC certification** by fortifying **critical government systems**, addressing vulnerabilities, and ensuring compliance with strict security standards.

EI NETWORKS PVT. LTD. | Backend Developer Intern
Feb 2022 - Jul 2022 | New Delhi, IN

- Configured **Nginx, SSL, and Load Balancing** on **AWS EC2** to enhance security, scalability, and high availability.
- Designed and optimized **Node.js and Express.js APIs** to automate attendance report generation, improving efficiency.
- Debugged and enhanced **Angular TypeScript** code, boosting frontend stability and user experience.

FRSHR TECHNOLOGIES | NodeJS Developer Intern
Dec 2021 – Feb 2022 | Bengaluru, IN

- Analyzed requirements and designed an **optimized database schema** for efficient data storage and retrieval in the **ROI Calculator Web Application**.
- Developed **Node.js APIs** with role-based access control, enabling secure ROI report generation and **automated email delivery** in Excel format.
- Implemented **robust logging and monitoring**, enhancing bug detection and boosting system reliability by **30%**.

PROJECTS

ELIXIA   Sep 2021 – Dec 2021
Developed a **Decentralized Web 3.0 application** for **digital certificate generation and verification** using **Ethereum smart contracts** and **Solidity**, ensuring fraud prevention and tamper-proof authenticity. Part of a **VII Semester Mini Project** college team initiative.

PARTY SHOP   Mar 2021 – Jul 2021
Developed **Party Shop**, a full-stack **e-commerce platform** using **Vanilla JavaScript, Node.js, and MongoDB**. Implemented **authentication, cart, checkout, and payment** features. Optimized **data management and server performance** by leveraging a **dedicated server**, ensuring scalability and efficiency.

MQTT-BASED MIDDLEWARE   Feb 2023 – Mar 2023
Developed a **high-performance middleware** enabling real-time communication between **thousands of devices** and AMS using **Mosquitto Broker, MQTT.js, Node.js, MySQL, and WebHooks**.

SMARTLISTENER   Dec 2022 – Jan 2023
Built **SmartListener**, a **high-throughput WebSocket server** handling **20,000+ concurrent users** for IVR services. Optimized scalability and performance with **uWebSockets.js** and **Redis**.

COURSES & CERTIFICATIONS

• **JavaScript Certification** – Hackerrank (Sep 2020)
• **AWS Services for Solutions Architect Associate 2021** – Udemy (Jul 2021)
• **The Complete Web Development Bootcamp** – Udemy (May 2020)
• **Computer Networks and Internet Protocol** – NPTEL (Apr 2020)

AWARDS & HONORS

• May 2022: Awarded the **Encouragement Award and Grant** by the **Startup Cell and Incubation Center, SCRIET, Chaudhary Charan Singh University** for developing **Elixia**, a Web 3-based platform ensuring **secure and tamper-proof document authenticity**. Recognized as an innovative **final-year project and startup initiative**.