Mithun Verma

E - 32, Pandav Nagar, Delhi - 110092

✉ mithunverma5895@gmail.com 🔗 linkedin.com/in/mithunverma01 github.com/Mithun20522

Education

Indraprastha Institute of Information Technology Delhi (IIIT-Delhi) June 2020 – June 2024
Bachelor of Technology in Computer Science *CGPA : 6.91*

DR. RPS SCHOOL PRESIDENT ESTATE May 2019
Higher Secondary Education (CBSE Board) *Percentage : 77*

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, Python, C++, R, Bash
Frontend Technologies: Next.js, React.js, Redux, TailwindCSS, Bootstrap, Canvas, Framer Motion, HTML/CSS
Backend Technologies: NodeJS, ExpressJS, NestJS, FastAPIs
Database and Management: MongoDB, PostgreSQL, Firebase, SQL
Deployment and Cloud: AWS, GCP, Docker, CI/CD, Github-Actions, Terraform
AI and ML: LangChain, LangGraph, LangSmith, HuggingFace, PyTorch, TensorFlow
Web Automation: Selenium, Playwright, Puppeteer, Browser Extension Development
Bot Development: Discord Bots, Telegram Bots
Operating Systems and Tools: Linux, Unix
Other Tools and Technologies: Android Studio, React Native, Git - GitHub, GraphQL

Experience

Educosys, Bengaluru, India May 2024 – **Present**
Full Stack Developer *Remote*
- Led the development of Dacstop, a new platform for technical interview preparation with collaborative features.
- Concurrently Maintain and enhance Educosys, a platform delivering system design courses with 100-200 daily visitors.
- Develop scalable MERN stack applications using Next.js, NestJS, and TypeScript, ensuring efficient AWS deployment and Docker containerization for optimized performance.

Microbiome Informatics Lab, IIIT Delhi Jul 2023 – Feb 2024
Research Analyst *Delhi, India*
- Conducted research on microbial colonization in human microbiomes, using computational models to analyze sequencing data and study dietary, genetic, and environmental factors.

Projects

Educosys AI - Vscode Extension | *Full Stack - AI* [LINK](#)
- Developed Educosys AI, a versatile VS Code extension that helps create projects, write code, and automate programming tasks through natural language.
- Implemented smart file operations allowing users to generate, modify, or delete files with intelligent code suggestions.
- Created web automation capabilities using Playwright and Browser-Use Chromium for performing browser-based tasks and data collection.
- Built an AI pipeline with LangChain and LangGraph to understand user intent and generate appropriate code solutions.

Tech Stack: TypeScript, LangChain, LangGraph, Playwright, Browser-Use Chromium

Dacstop - Design and Collaboration Platform | *Full Stack* [LINK](#)
- Developed Dacstop, an interview preparation platform with 500+ users and 40% weekly engagement for mock interviews and system design practice.
- Implemented real-time collaborative whiteboarding with WebRTC and one-click AWS deployment for testing and scaling designs.
- Enhanced user engagement by 40% with tools tailored for technical interview preparation.

Tech Stack: Next.js, NestJS, Tailwind CSS, MongoDB, AWS, GCP, Docker, GitHub Actions, Terraform

Leadership / Extracurricular

Volunteer Program at NGO April 2021 - Feb 2022
Support Associate *Bachpan Bachao Foundation*
- It has been a fulfilling experience contributing to the personal and educational growth of underprivileged young minds.