Bani Madan

Senior Python & Node.JS Developer

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Skills

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Experience

Bani Madan

Bengaluru,India

8054344503
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Python, Node.js, Kafka, Control-M, Dynatrace, AI Prompt Generation, Backend Development, Automation, Scalable System Design, Linux, Network Security, MySQL, MongoDB, Hadoop, Spark, JavaScript, AngularJS, LLM, Gemini

Turing / Senior Python and Node.Js Developer

October 2024 -March 2025, Remote

- Developed and refined prompts for AI model training, ensuring high-quality and accurate outputs.
- Improved model performance by iteratively testing and fine-tuning prompts based on feedback.
- Leveraged Python and Node.js to streamline the prompt generation process, enhancing scalability and efficiency.

American Express (via TCS) / Systems Engineer

January 2023 - June 2024, Bengaluru

- Automated recurring tasks with Python, reducing manual intervention by 80% and optimizing CPU utilization.
- Migrated batch ingestion jobs to Control-M, improving reliability and preventing data disruptions.
- Mentored three team members on enterprise software workflows, enhancing team productivity.

American Express (via TCS) / Assistant System Engineer

January 2022 - December 2022, Bengaluru

- Automated disaster recovery processes for 20 servers, reducing execution time from 45 minutes to 2 minutes.
- Developed dashboards in Dynatrace for real-time monitoring, enhancing system observability.

American Express (via TCS) / Assistant System Engineer Trainee

January 2021 - December 2021, Bengaluru

- Specialized in Python, contributing to risk management systems for credit authorization.
- Won two TCS Internal Hackathons for innovative automation solutions.

Cadence Design Systems / Intern
January 2020 - July 2020, Sikkim, India

- Developed an offline handwriting recognition system with audio feedback using neural networks and Google APIs.

Sikkim Manipal Institute of Technology / Research Intern
May 2019 - June 2019, Sikkim, India

- Developed an offline handwriting recognition system with audio feedback using neural networks and Google APIs.

Freelance Experience

Website for Transgender Advocacy (Transform)

- Built an accessible self-education tool to address violence faced by transgender individuals in South Asia.
- Utilized HTML, JavaScript, CSS, and WordPress to create an engaging and informative platform.

Mental Health Toolkit with Live Translations (Lekhaa)

- Created a website offering mental health resources with live regional language translations for accessibility.
- Used HTML, JavaScript, and CSS to ensure a user-friendly and inclusive design.

Cultural Lab and Magazine Website (Phosphene)

- Designed a website for a cultural lab using the MERN stack (MongoDB, Express.js, AngularJS, Node.js).
- Focused on creating a seamless user experience and dynamic content management.

Education

Sikkim Manipal Institute of Technology / Bachelor of Technology (B.Tech) in Computer Science and Programming.
August 2016 - June 2020, Sikkim

Awards

- **Service & Commitment Award** and **Xcelerate Warrior Certificate** (*2024*): Recognized for outstanding contributions to automation and system optimization.
- **TCS Internal Hackathon Winner** (*Feb & May 2021*): Secured first place for innovative automation solutions.
- **100% Merit-Based Scholarship** (*2016-2020*): Earned a full scholarship for academic excellence during undergraduate studies.