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Manish Kumar
Cloud Architect / Web Developer

Portfolio: manishk.dev
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A passionate Web Developer and aspiring Cloud Architect based out of India, seeking a position in a growth-oriented company with a diverse team, where I can use my skills to the advantage of the company while having the scope to develop my own skills. Experienced in Full stack development, with React.js and its frameworks in the front-end part, and Node.js in the back-end. Currently learning Cloud Architecture and Engineering, with past experiences on Amazon Web Service and Google Cloud Platform.

SKILLS

Programming Languages	JavaScript, TypeScript, Python, Bash, MarkDown, Rust
Tools and Frameworks	Node.js, React.js, Next.js, Docker, Kubernetes, Flask, Express, Gatsby, Firebase, Svelte
Databases	MySQL, PostgreSQL, MongoDB, DynamoDB
Cloud Platforms	Amazon Web Services (AWS), Google Cloud Platform (GCP)
Communication	English, Hindi (native speaker)

TECHNICAL EXPERIENCE

CLOUD ARCHITECT INTERN / DATA ANALYTICS PLATFORM   MAR 2022 — Present
Blaze AI (YC22)   *Remote*

- Deployed and Managed the Staging and Production Clusters using AWS ECS
- Setup and managed deployment lifecycles of various microservices on AWS Lambda and AWS EC2
- Setup multiple CI/CD pipelines using Github Actions and Bash Scripts
- Worked on integration with multiple 3rd party services like Slack, Zendesk, Zoom and Intercom
- Setup data processing pipelines using Apache Airflow

SOFTWARE ENGINEERING INTERN   NOV 2021 — FEB 2022
Retrera   *Remote*

- Worked in building the UI using Next.js and Material UI
- Developed multiple APIs using Python, Flask and SQLAlchemy
- Integrated various 3rd party services like Slack, Stripe and Merge

CLOUD INFRASTRUCTURE CO-LEAD / ONLINE MARKETPLACE   AUG 2020 — SEP 2021
Maalexi   *Remote*

- Managed and led the development of the current marketplace website
- Integrated various payment platforms (Stripe, Escrow.com, TazaPay) in the website facilitating online transactions
- Co-managed the cloud infrastructure using tools like AWS ECS, CloudWatch, EC2, Docker and Vercel
- Setup multiple CI/CD pipelines using Bash and Gitlab CI

PROJECTS

FULLY SERVER-LESS ANONYMOUS ELECTION WEB-APP   JUL 2021
Electify   *TypeScript, Next.js, AWS Lambda, DynamoDB, Vercel*

- Web app created for creating anonymous elections, voting and sharing results.
- Made using React + NextJS + TypeScript + NodeJS + Server-less Functions
- Deployed on server-less platform Vercel
- Uses a resilient back-end architecture with AWS DynamoDB as the database of choice
- A Zero Cost production grade deployment by Server-less technologies offered by AWS.

OPEN SOURCE CONTRIBUTOR AND MAINTAINER   OCT 2020 - Present
Nodejs.dev   *TypeScript, GatsbyJS, MarkDown, GraphQL*

- Made multiple commits over the course of 15 months with multiple fixes and pull request reviews
- Implemented the blog part of the new NodeJS website using Gatsby, Remark and Markdown
- Contributed to multiple discussions and meetings in the Node.js organisation and the development of Node.js in general

EDUCATION

B. Tech. (Information Technology), *Indian Institute of Information Technology and Management, Gwalior*   2019 — 2022
Masters in Business Adminstration, *Indian Institute of Information Technology and Management, GWalior*   2022 — 2024

ACTIVITIES

Chapter Lead - *Google Developer Student Clubs*   2021 — Present
Web Operations Head - *IEEE Student Branch IIITM Gwalior*   2020 — Present
Core Team Member - *Google Developer Student Clubs*   2020 — 2021