

Batukeshwar Vats

[LinkedIn](#) | [GitHub](#)

B-Tech, Computer Science, IIT Jammu

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SUMMARY

I am a Software Development Engineer with a strong background in designing and developing scalable Microservices, Backends and Websites. Proficient in using various frameworks including **Node.js, React.Js, Nest.Js and Django**. Skilled in multiple programming languages such as **JavaScript, TypeScript and Python**.

TECHNICAL SKILLS

Languages	: JavaScript, TypeScript, Python, C++
Frameworks	: NodeJs, ReactJs, NestJs, Django
Cloud (GCP)	: Cloud Run, Cloud Function, App Engine, PubSub, Cloud Build, GKE
Databases	: MongoDB, PostgreSQL, Firestore, MySQL
Other skills	: GraphQL, TypeORM

EXPERIENCE

Software Development Engineer

MeraPashu360

May 2022 – Apr-2023

Gurugram

- Designed multiple Backend microservices and BFFs (Backend for Frontend)
- Developed the User Profile microservice for managing user profiles in NestJs
- Contributed in Order and Referral management service built using NestJs
- Built Internal Dashboard website using ReactJs and Redux
- Implemented BFF(Backend for Frontend) for 3 major customer-facing products using NestJs and GraphQL
- Implemented Cloud functions for Notification service to increase customer acquisition
- Implemented WorkFlows for updating wallet Rewards
- Built ETL (Extract Transfer and Load) pipelines for data analysis using TypeScript and Cloud functions
- Led a team of 3 members in the development of other microservices.

Intern

Merapashu360

March 2022 – May 2022

Gurugram

- Built Order Management microservice using NodeJs
- Worked on the integration of 3rd party services such as: Zoho, Shopify, and Tata-Tele

Intern

Data Sailors

Oct 2021 – March 2022

Jammu

- Utilized Django for the Backend and MongoDB as the database
- Developed the Frontend using ReactJs
- Developed the Data Concentrator Unit (DCU) over Raspberry Pi using Python language
- Extensively worked on the Modbus protocol in the development of DCU
- Major contribution in scaling up the DCU setup from one node to multiple node setup

PROJECTS

IOT-Vulnerability Scanner

IIT Jammu

Aug 2021 – Dec 2021

- Built a website using React for local network
- Used Flask for the Backend
- Could scan all the connected devices in the local network
- Could detect famous vulnerabilities on IOT devices and perform various attacks on the devices such as Mirai attack, MITM attack, ARP spoofing attack, and Sniffing attack
- Could perform brute-force and dictionary attacks on open ssh, telnet ports