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Backend developer with 6 months of experience in commercial application development. My knowledge base includes following with hands-on experience in TypeScript, NestJS, Python, Java, Spring Boot, HTML, CSS, MySQL, MongoDB, Git versioning tool, Docker, Jest testing.

I love programming and learning new technologies, so I am both happy and efficient in my job. Currently parallelly learning and working on ReactJS and NestJS.

State level 7th rank holder in Karnataka SSLC Examination. State level 5th rank holder in Karnataka PUC Examination. 458th rank in Karnataka Common Entrance Test. Distinction Award in B.Tech.

WORK EXPERIENCE

Software Developer Engineering - Intern

BetterPlace Safety Solutions Pvt Ltd, Bengaluru Karnataka

Feb 2022 – PRESENT

KEY RESPONSIBILITIES

- Part of end to end development of BetterPlace B2B product.
- Developed a service to automate Betterplace application's tenant configurations using NestJS and Kafka.
- Worked with B2B team alongside various engineers, product managers.
- Developed an API for BetterPlace B2B product using NestJS.
- Working on improving code quality and application performance.
- Working on API integrations.
- Maintaining microservice written in NestJS.
- Create and execute unit tests using Jest test.
- Learning ReactJS and built part of the UI for B2B product.

KEY ACHIEVEMENTS

- Setting up docker compose to automate development environment setup. Improved development process and testing.
- Improved the stability of the system by writing more tests leading to confident periodical small deployment with fewer bugs.

EDUCATION

B.Tech in Computer Science | PES University

2018 – 2022 | Bengaluru, Karnataka

CGPA: 8.04

PROJECTS

MUTUALFUND PLANNER | <https://mutualfund-planner.herokuapp.com/>

Web application built using Flask framework. Implementation includes calculating monthly installment amounts to invest in mutual funds regularly.

PI SURVEILLANCE CAMERA | <https://github.com/vybhav-bhadri/pi-surveillance>

IP Surveillance Camera built using Raspberry Pi and Pi camera module. The web application is built using python flask.

SECURE IOT SURVEILLANCE DATA USING BLOCKCHAIN |

https://github.com/vybhav-bhadri/iot_surveillance_blockchain

Designed and developed a project to improve the security and store the detected faces during surveillance in a tamper resistant database. This is done using private blockchain framework Hyperledger fabric. To interact with blockchain, fabric-SDKs and API are used. IoT network and Gateway is setup using python and Nodejs modules.

SKILLS

Typescript, Python, Java, MySQL, MongoDB, HTML, CSS, NestJS, Flask, Spring Boot

Familiar:

C language, R language

LANGUAGES

English, Kannada, Hindi

EXTRACURRICULAR

CENTER FOR INNOVATION AND ENTREPRENEURSHIP | Team Lead

Aug 2019 - May 2020 | Bengaluru, Karnataka

- Worked on finding customer segment and market fit for sustainable house farming.
- Worked on building a business model for connecting garage owners with bike owners for competitive pricing and quality of service.