

Charul Bhadke

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SKILLS

Programming Languages: Python, Flask, Django

Databases: SQL, PostgreSQL, MongoDB

Full-Stack Development: REST API, FASTAPI, OAuth, Git

Technologies: Pandas, NumPy, Celery, Asyncio, PyTest, Clean Code, OOP, SDLC, Debugging, Unit Testing

Cloud/DevOps: AWS (S3, EC2, DynamoDB, Fargate), Docker, Airflow, Jenkins, Git, Azure Services (Basic), DevOps Practices (Basic)

EXPERIENCE

System Engineer

Feb 2022 – Present

Tata Consultancy Services

Pune, India

- Developed and optimized Python-based applications for data analysis, focusing on enhancing performance and reliability.
- Collaborated in Agile teams, employing Flask and Django to build scalable web applications adhering to OOP and SOLID principles.
- Engaged in troubleshooting and providing solutions to complex data processing issues, demonstrating strong analytical skills.

Trainee Engineer Intern

Oct 2021 – Dec 2021

Inventive IT Company

Pune, India

- Contributed to the development and testing of web-based applications, optimizing back-end services for speed and efficiency.
- Assisted in debugging and improving code quality, focusing on enhancing system performance and security.

PROJECTS

Automated Data Analysis System | *Python, Pandas, NumPy*

- Developed a Python application to automate data cleaning and analysis, reducing manual processing time.
- Implemented visualization tools to present insights, aiding better decision-making.

Real Estate Blockchain | *Java, MySQL, Blockchain*

- Collaborated on a blockchain-based real estate platform using smart contracts to automate secure property transactions.
- Optimized backend architecture to enhance system scalability and performance.

Serverless URL Shortener Using AWS | *AWS Lambda, API Gateway, DynamoDB*

- Designed and implemented a serverless URL shortener with AWS, allowing efficient URL management.
- Integrated analytics to monitor URL usage patterns, contributing to data-driven improvements.

EDUCATION

Bachelor of Engineering (Computer Science)

CGPA: 7.91

Dr. D.Y. Patil College of Engineering

Talegaon, India

Diploma in Computer Engineering

Percentage: 78.50

Dr. D.Y. Patil Y.B. Patil Polytechnic

Akurdi, India

CERTIFICATIONS

Machine Learning (Stanford) - Udemy

Responsive Web Development - Udemy

Core Java Programming - Udemy

Advanced Python - Udemy

Data Structures using Python - Udemy

Back-End Development Course - PW Skills, Udemy

Full Stack Web Development - Udemy