

Vishwas Desai

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EDUCATION

Indiana University Bloomington – Bloomington, IN
Master of Science in Computer Science

Jan 2021 – Dec 2022

Visvesvaraya Technological University – India
Bachelor of Engineering in Information Science & Engineering

Aug 2016 – Jul 2020

EXPERIENCE

Graduate Teaching Assistant - Indiana University Bloomington

Aug 2021 – Dec 2022

- Automated the grading process, and provided 200+ students with timely, and relevant feedback.
- Designed and conducted laboratory sessions that provided students with hands-on experience with Java 8 and OOP.

Software Developer Intern - Titan Company

Jan 2020 – Jul 2020

- Developed and implemented RESTful API, Spring Boot Framework, to build a product introduction platform.
- Integrated a search engine and optimized searches by decreasing search time to less than 2 seconds.
- Enhanced user experience by designing dashboard using AngularJS and TypeScript.
- Leveraged knowledge in Full stack web development, Git, JIRA, dev tools and frameworks.

KEY PROJECTS

Travel booking app | *Express, Node.js, Angular.js, TypeScript, Firebase*

[GitHub](#)

- Designed and programmed a full stack travel booking app in Express, Node.js and Angular.js
- Developed features like chatbot, search filter, two factor authentication, maps, and ad-network integration
- Implemented a CI/CD process which saved over 80% of the time spent on deployments

Full stack reddit clone | *Java, Spring Boot, React, REST, AWS*

[GitHub](#)

- Developed a clone of Reddit using Java, Spring Boot, React and AWS EC2 instance
- Created microservices to fetch data for the clone from AWS S3
- Implemented a system where users can create subreddits, posts, comments and upvote/downvote posts

E-commerce athleisure website | *Python, Django, MySQL, REST, React*

[GitHub](#)

- Designed a dynamic e-commerce athleisure store to search, purchase, review athleisure products and implemented CRUD features on web services using REST APIs and MySQL
- Functionalized a full-stack E-Commerce web application using Python, Django and React

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C

Databases: MySQL, MongoDB, Redis

Tools: Linux, AWS, Git, Docker, Kubernetes, VS Code, Firebase, Express

Frameworks: Django, React.js, Spring Boot, Node.js, Flask, REST

Other skills: JIRA, Agile, Scrum, HTML, CSS, Distributed systems, Full stack development

PUBLICATIONS & CERTIFICATIONS

CodePath Certificate in Advanced Software Engineering (Aug 2022)

Traffic Prediction System using IoT in Smart City Perspective - IEEE International Conference on Wireless Communications (Dec 2021)