

# Vishwas Desai

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## EDUCATION

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**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 – July 2020**

## EXPERIENCE

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**Graduate Teaching Assistant - Indiana University Bloomington**

**Aug 2021 – Present**

- 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 – Aug 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

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**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

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**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

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**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)