

Vishwas Desai

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EDUCATION

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

01/2021 – Present

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

08/2016 – 08/2020

EXPERIENCE

Graduate Teaching Assistant
Indiana University Bloomington

08/2021 – Present
Bloomington, IN

- Assisted with the assessment process, and provided 200+ students with timely, and relevant feedback
- Designed 20+ laboratory sessions that provides students with hands-on experience with Java 8 and OOP.

Software Engineering Intern
Titan Company Ltd.

01/2020 – 05/2020
Bengaluru, India

- Developed and implemented RESTful API, Spring Boot Framework, to build a product introduction platform.
- Integrated a search engine and improved searches by decreasing search time to <2 seconds for a 40 Gb knowledge corpus.
- Enhanced user experience by designing dashboard using AngularJS and TypeScript

KEY PROJECTS

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

12/2021

- Developed a clone of Reddit using Java, Spring Boot, React and deployed it on AWS
- Designed a system where users can create subreddits, posts, comments and upvote/downvote posts

Sentimental Analysis and Movie ratings prediction | *Python, Neural Networks, CSS, HTML, JS*

05/2021

- Implemented a Naïve Bayesian classifier to perform sentimental analysis on 10,000+ movies
- Modelled and implemented a deep neural network to evaluate a movie's performance
- Developed the recommendation engine in Python and used CSS3, HTML5 and JavaScript for the frontend

E-commerce Athleisure Website | *Java, Spring, MySQL, REST, ReactJS*

03/2021

- Designed a dynamic e-commerce athleisure store to search, purchase, review athleisure products like shoes and implemented CRUD features on web services using REST APIs and MySQL
- Developed a full-stack E-Commerce web application using Java, Spring framework and ReactJS

TECHNICAL SKILLS

Skills: Distributed Systems, Full Stack Development, Machine Learning

Languages: C, Python, Java, JavaScript, HTML/CSS

Databases: MySQL, MongoDB

Tools: Linux, AWS (EC2, DynamoDB), Git, Docker, VS Code, Firebase, Express

Frameworks: Django, ReactJS, Spring Boot, Node.js, Flask, REST, FastAPI

PUBLICATIONS

“ **Traffic Prediction System using IoT in Smart City Perspective** ” IEEE Intl. Conference on Wireless Communications - Dec 2021