

Prathamesh Deshpande

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Education

Master of Science - Computer Science | GPA: 3.8

May 2020

Indiana University, Bloomington, IN

Bachelor of Engineering - Information Technology | GPA: 3.5

May 2017

University of Pune, India

Work Experience

Software Developer Intern | Bloomington, IN

Jun 2019 - Dec 2019

Bloom Insurance Agency

- Successfully upgraded enterprise website for improved code maintainability and user experience.
- Migrated backend architecture from ASP web-forms to .Net MVC and redesigned the frontend.
- Improved website performance by optimizing code for efficient memory usage and reduced call depth.
- Extensively tested and developed features for Ascend's Windows application using C#, .Net, MVVM.

Web Developer Intern | Mumbai, India

Feb 2018 – Apr 2018

Axis Bank

- Developed a payment system with HTML, PHP and MySQL based on Axis e-pay portal.
- Worked alongside the payment team to understand and assist with client on-boarding process.

Projects

Utopia | Music recommendation app

- Built a music recommendation web app on top of Spotify's API with microservice architecture.
- Developed front-end with ReactJS and micro-services using NodeJS, GO, Flask and Ruby with MongoDB.
- Used Jenkins for CI/CD and achieved fault tolerant architecture (10000 requests) with Kubernetes.

City Scanner | Review website for places in a city

- Built a review website for users to explore and rate attractions in a city using Google APIs to fetch data.
- Developed UI of website with ReactJS and used Spring Boot to handle user requests at backend.
- Practiced test-driven development to achieve 45% code coverage and reduced bugs with SonarQube.

Hoosier Events | Event hosting website

- Developed an event hosting and ticketing website for events around IU and deployed it on AWS.
- Responsible for designing the database schema in MySQL and developing UI with Bootstrap, JavaScript.
- Collaborated with a team of 4 and practiced Agile Methodology for planning and development.

Healthy Orange County | Website for healthcare services in Orange County

- Redesigned a website for Orange County Wellness Centre for better accessibility of healthcare services.
- Built additional features for user and event management using PHP and MySQL.

Technical Skills

Programming Languages: Java, Python, C, JavaScript, C#

Web Development: HTML, CSS, Bootstrap, ReactJS, NodeJS, PHP, AJAX

Databases: MongoDB, MySQL, PostgreSQL, Joins, Optimization, Normalization, Transactions

Application Softwares: Tableau, Jenkins, SonarQube, Bamboo, Eclipse, Postman

Project Management Tools: JIRA, Git, Confluence, Bitbucket

Methodologies: Agile, Pair Programming, SDLC, Test Driven Development