

Nikita Parag Potdar

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EDUCATION

Indiana University Bloomington

Master of Science in Computer Science

May 2024

Bloomington, IN

P.E.S. Modern College of Engineering, Savitribai Phule Pune University

Bachelor of Engineering in Computer Engineering

June 2022

Pune, India

EXPERIENCE

Senior Consultant, Software Development Engineer | Hoosier Community Network

Dec 2023-Present

- Co-led a team of software developers in full-stack development to create digital solutions tailored for rural Indiana businesses, leveraging frontend and backend technologies to deliver responsive, impactful user experiences.
- Architected and launched a highly secure, scalable web platform using the **MERN** stack, integrating **AWS** for cloud infrastructure, **Docker** for containerization, and MongoDB Atlas to ensure optimized performance, data integrity, and reliability for a confidential client.
- Streamlined deployment and operational efficiency by implementing CI/CD pipelines with **GitHub Actions**, automating build, test, and release processes to maintain high-quality standards across the project lifecycle.
- Enhanced operational efficiency and client outreach by delivering custom, data-driven software solutions leveraging real-time analytics via **RESTful APIs**, aligning with local goals and strengthening community engagement.
- Applied **Agile methodologies using JIRA** to optimize teamwork, promote transparent communication, and accelerate project delivery across sprints, ensuring consistent alignment with client objectives.

Software Developer | ASCK Solutions

June 2021-May 2022

- Streamlined daily operations for a local café by developing and deploying a full-stack Café Management System, reaching daily usage by approximately **1000+** customers and reducing paper consumption by **70%**.
- Built a powerful backend with **Python Flask** and crafted a dynamic, responsive frontend using HTML, CSS, and JavaScript, ensuring a seamless and engaging user experience.
- Created intuitive ordering interface for customers and comprehensive admin dashboard for order management and sales analytics.
- Conducted thorough code reviews and debugging, maintained CI/CD pipelines for automated QA testing.

Flutter and Web Development Intern | TechR Business Solutions

May 2020-May 2021

- Led backend development and implemented the database as a **Flutter Development Intern** for "PunekR", an app in Flutter designed for locals and tourists to explore Pune's cultural scene, featuring popular spots, theater plays, classical music events, and a platform for local businesses to connect with a broader audience.
- Increased user engagement to over 1000 daily active users by integrating the **YouTube API** and using the **Google Firebase database**, offering multimedia access to event highlights and improving the appeal and usability of the app.
- Attracted over 1200 customers through an intuitive and dynamic app interface, transforming the experience of discovering Pune's vibrant cultural scene for both locals and visitors.
- Developed web-based projects individually, as a **Web Development Intern** including a To-Do application with reminders, Collaborative Expense Tracker, and e-commerce platform.

PROJECTS

eVenue - Event/Venue Management System | Nodejs, Expressjs, Reactjs, Mongodb, Agile, SCRUM Jan 2023-May 2023

- Streamlined event booking process and empowered organizers and venue owners by leading 4 peers to develop an event and venue management web app, enhancing user engagement and operational efficiency.
- Improved system scalability by 50% through backend optimization with **Flask** and frontend development with **ReactJS**, ensuring seamless handling of up to 1000 simultaneous users.
- Enhanced project delivery time by 15% by actively managing Jira boards and implementing Agile methodologies within the SDLC model, ensuring more frequent releases and quicker iteration cycles.

MCOE Stationery Hub | Python Flask, MySQL, HTML, CSS, Javascript, VS Code, GitHub

Aug 2020-Dec 2020

- Created online platform with 3 teammates enabling 5000+ students to affordably trade school supplies, significantly improving affordability and accessibility for peer-to-peer renting and selling of stationery items.
- Facilitated effortless scalability with a 100% user base surge by enhancing the back-end infrastructure, earning the inter-departmental Best Project Award for outstanding innovation and impact.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C++, Java, Go, Dart, Typescript, HTML, SQL, Bash
Frameworks: Flutter, Flask, Django, Bootstrap, ReactJS, NodeJS, Angular, ExpressJS
Development Tools: Git, Android Studio, JIRA, Docker, Anaconda, Postman, Selenium, AWS Cloud, Tableau
Databases: MongoDB, MySQL, PostgreSQL, Firebase
Miscellaneous: Object Oriented Programming, Data Structures & Algorithms, Problem Solving