

SHIVANI ANIL NEHARKAR

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EDUCATION

Syracuse University, Syracuse, NY

August 2022 - Present

Master of Science, Major in Computer Science

Savitribai Phule Pune University, Pune, INDIA

August 2017 - May 2021

Bachelor of Engineering, Computer Science | GPA: 8.52

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, Solidity, JavaScript, HTML, CSS

Database Technologies: MySQL, MongoDB, Relational databases, SQL

Frameworks and Technologies: ReactJS, NodeJS, Bootstrap, Web UI frameworks

Others: Git, JIRA, REST API, Visual Studio, Eclipse, Android Studio, PowerBI

EXPERIENCE

Assistant System Engineer Trainee | Tata Consultancy Services | Pune, India

Aug 2021 - June 2022

- Performed User Interface Verification using PowerBI. Scripted the SQL queries to map with front-end values.
- Managed email notification testing considering log files and timely notification along with testing email body.
- Analyzed and prepared query lists based on requirements, generated reports and provided improvements.
- Performed automated regression tests after every update and released a new version of software.

Software Intern | Pixaflip Technologies Pvt. Ltd. | Pune, India

Dec 2019 - Jan 2020

- Engaged in development of Web-page for students of Pune University, used by more than 8k people.
- Accomplished development of Acadflip.in using Javascript, React JS, HTML, Rest API and implemented comment box feature below video lecture window to post reviews, added timestamp for comments.

TECHNICAL PROJECTS

WanderLunch: Discover and Share Culinary Journeys [[Demo](#)]

Current

- Crafted a MERN stack project which enables users to have their own accounts by authentication and add and view favorite food places.
- This was accomplished by React hooks for state management, redux for data retrieval, leveraged Google APIs for location, NodeJS and Express for request handling.
- For seamless integration between React and MongoDB-backend, RESTful APIs were employed.

WalletWatch: Budgeting Made Simple [[Demo](#)]

February 2023

- Developed a responsive UI that allows users to add expenses and provides visually appealing depictions of expenses throughout the year with React.
- Incorporated React hooks, Redux, and React Router to manage state and side effects. Utilized a component-based architecture for reusability and JSX for component layout.

Vehichain: Webpage for Blockchain based service of vehicle records [[Code](#)]

December 2020

- Designed Web-page to interact with application using React, HTML, CSS, Javascript.
- Connected backend with Web3.JS and IPFS deployed project on server using NodeJS and sent data by smart contract to IPFS, generated hash for every entry of vehicle and pushed hash on blockchain.
- Developed an instance of Web3 in application and leveraged the same instance for all modules to interact with Ethereum blockchain and smart contract.

Krasa : Android based patient helping application [[Code](#)]

November 2019

- User Interface was designed with the help of XML and the project was developed in Android Studio using Java.
- Implemented Maps by using Google Map APIs within the application.
- Hosted server side database on Firebase for storing patient's data and used REST APIs to communicate with back-end services

LEADERSHIP AND ACHIEVEMENTS

- Teaching Assistant: Syracuse University, Summer Course. Delivering Lectures for freshmen.
- Teaching Assistant: Delivered lectures for 60 Codigo Madrid Members, 130 freshman and sophomores.
- Lead team of 4 and won Best Undergraduate Final Year Project among 17 groups.
- Published research Paper in IRJET publications Volume 7, Issue 12.
- Technical Excellence Award- Collaborated with Senior developers and created the Official website of College AISSMS COE.