

Bhavika Kulkarni

Pune, India | +91 7447594914 | bhavikakulkarni0202@gmail.com | [LinkedIn/bhavika-kulkarni-566846171](https://www.linkedin.com/in/bhavika-kulkarni-566846171)

EDUCATION

MIT ADT University, Pune, India

August 2017 – July 2021

Bachelor of Technology; Major in Computer Science and Engineering; CGPA: 7.89

Coursework: OOP in C++, Data Structures and Algorithms, DBMS, Software Engineering, Computer Networks

TECHNICAL SKILLS

Programming Languages:	JavaScript, C++, C, HTML, CSS
Web Development:	React.js, Node.js, Bootstrap, REST API
Database:	MySQL, MongoDB, PostgreSQL
Other:	Git, API Documentation

RELATED WORK EXPERIENCE

Software Engineer | Entrata | Pune, India

Feb 2022 – April 2023

- Experienced in the Property Management industry with expertise in developing and implementing effective strategies to generate optimal rent for client properties
- Developed scraper algorithms that scrape data and store it in PostgreSQL database using JavaScript
- Built a user-friendly UI with React.js to display scraped data using Node.js APIs, making it a full stack project
- Resolved bugs related to DOM manipulations of property URLs
- Upgraded old Node.js server from 4.2.6 to 14.18.2 using NVM and NPM

Trainee Software Engineer | Entrata | Pune, India

July 2021 – Jan 2022

- Completed training and gained expertise in technologies such as JavaScript, React.js and PostgreSQL
- Built web application which performs CRUD operation integrating these technologies with database connectivity
- Fixed bugs found on Student Dashboard which displays information of rental properties for students

Internship | Xento Systems | Pune, India

Jan 2021 – May 2021

- Developed an Ecommerce platform enabling online purchase of electronic products, integrating user registration and authentication for authorized login
- Utilized MVC architecture with CodeIgniter and employed over 5 full stack technologies, including PHP, JavaScript, Bootstrap, HTML, CSS, and MySQL, to develop an interactive website.

PROJECTS

Blockchain Based Crowdfunding Application

- Implemented a blockchain based crowdfunding application to avoid mutations of the investment records received by the company
- Employed blockchain technology using Ethereum to create a ledger of all the occurring transactions
- Developed the application using Ethereum blockchain technology and 3+ full stack development technologies including React.js, Express.js and MongoDB

COVID-19 Tracker

- Developed a tool to track the spread of Covid-19 by visualizing the data to help spread awareness regarding the virus
- Incorporated the tool to fetch the data from the API
- Engineered the tool using 5+ full stack development technologies including JavaScript, Material UI, Charts.js, React Hooks in React.js

PUBLICATIONS

- A Framework for Crowdfunding Platform Using Ethereum Blockchain technology
Research on crowdfunding platform using Ethereum Blockchain technology
- Blockchain in Tea Supply Chain Management
Research on Tea Supply Chain Management using Blockchain for transparency in supply chain

CERTIFICATIONS

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|------------------------------------|---|
| Full Stack Web Development (Udemy) | HTML, CSS, and JavaScript for Web Developers (Coursera) |
| Cyber Security Essentials (CISCO) | MongoDB course (MongoDB Inc) |