

# Sahil Atul Darandale

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## EDUCATION

### Binghamton University, State University of New York

*Master of Science in Computer Science*

Binghamton, NY

Aug 2022 – May 2024

### University of Mumbai

*Bachelor of Engineering in Computer Engineering*

Mumbai, MH, India

Aug 2017 – May 2021

## EXPERIENCE

### Associate Software Engineer

*Xoriant Solutions Pvt. Ltd.*

Jul 2021 – Jul 2022

Pune, MH, India

- Assisted multiple teams as a shadow resource, contributing to various projects and initiatives, impacting 5 teams
- Transformed Figma designs into responsive HTML pages using React.js, ensuring seamless integration and user experience, reducing load time by 25%
- Developed the backend system using Express, creating RESTful APIs to support front-end functionalities
- Reviewed code, contributing to the improvement of code quality and team knowledge sharing, resulting in a 15% reduction in bugs

### Intern

*Dezignolics Web & Software Company*

Jan 2020 – Feb 2020

Thane, MH, India

- Created web pages using HTML5, CSS3, and Media Query, ensuring responsive design and compatibility across different devices
- Diagnosed and resolved issues in web designs, enhancing user experience and functionality
- Maintained high standards of quality in all assignments, as evidenced by positive feedback from supervisors, receiving a 95% performance rating
- Adapted quickly to new tools and technologies, demonstrating flexibility and eagerness to learn

## PROJECTS

### BiteStats - Chrome Extension for Food Delivery Insights

*React.js, JavaScript, Chart.js, MUI, HTML, CSS*

- Built a Chrome extension, BiteStats, providing individual dashboards for DoorDash and Grubhub to track and analyze order history. Implemented features like custom date range filtering, light/dark mode, interactive charts, and KPIs using React, JavaScript, and Chart.js to enhance user engagement and data visualization
- Employed React hooks for efficient state management and data fetching, reducing data fetching time by 35%

### SmartInbox - ChatGPT-Based Email Client

*MERN, Tailwind CSS, OpenAI API, Nodemailer*

- Constructed a full-stack email client with secure OAuth 2.0 authentication, JWT-based API endpoints, and integrated ChatGPT for intelligent email drafting and responses
- Set up Nodemailer for email handling and used Axios for seamless frontend-backend communication, achieving 99.9% email delivery success rate

### PeerShare - A WebRTC-Based File Sharing Web App

*Next.js, React, TypeScript, Tailwind CSS, NestJS, Socket.io, Redis, OAuth 2.0*

- Developed "PeerShare", a WebRTC-based file-sharing web app utilizing Next.js, React, TypeScript, and Tailwind CSS for the frontend, and NestJS, Socket.io, and Redis for the backend, ensuring secure, real-time peer-to-peer file transfers with OAuth 2.0 authentication
- Designed and executed a responsive UI and efficient signaling for seamless user experience

## TECHNICAL SKILLS

**Languages:** Java 8, Python 3, JavaScript, TypeScript, EcmaScript 6, HTML5, CSS3, SQL

**Frameworks:** React JS, Node.js, Express, NextJS, Material-UI (MUI), Bootstrap 5, NestJS

**Developer Tools:** Git, Docker, AWS (Cloud Practitioner Certification), VS Code, PyCharm, IntelliJ, Eclipse, Firebase, OpenAI API, Nodemailer

**Databases:** Postgres, MySQL, MongoDB, Redis

**Libraries:** Pandas, NumPy, Matplotlib, Tailwind CSS, Zod, Chart.js, Socket.io, OAuth 2.0, REST API, GraphQL