CHIRAG TILOOMALANI

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EDUCATION

Bachelor of Technology (Information Technology), ABES Engineering College (CGPA: 8.0)	Aug 2018 - Aug 2022
XII Standard, Sir Padampat Singhania Education Centre (Percentage: 90)	Mar 2017 - Mar 2018
X Standard, Sir Padampat Singhania Education Centre (CGPA: 9.4)	Mar 2015 - Mar 2016

EXPERIENCE

Software Engineering Intern   **Gurgaon, IN**
Cognizant   *Feb 2022 - Aug 2022*

- Worked in a team of 7 to create an internal project for the company
- Developed core features, including user registration, authentication, and password reset, using **NodeJS**
- Implemented robust and secure **APIs**, following industry best practices
- Designed modular code adhering to **Model-View-Controller (MVC)** architecture, improving maintainability and scalability
- Collaborated with cross-functional teams to resolve codebase issues, fixing bugs and optimizing system performance

Web Development Intern   **Singapore, SG**
The Sparks Foundation   *Nov 2021 - Dec 2021*

- Created a Payment Gateway Integration System during Graduate Rotational Internship Program (GRIP)
- Built a visually appealing web page using **HTML**, **CSS**, & **JavaScript**, employing responsive design, semantic markup, and dynamic interactivity
- Utilized **Razorpay API** for secure payments, enabling users to complete transactions seamlessly

Full Stack Intern   **Ghaziabad, IN**
DataRitz Technologies   *May 2020 - Jul 2020*

- Partnered with a team of 3 to develop a fully functional website for online shopping
- Created the frontend using **HTML**, **CSS**, **JavaScript**, & the **Bootstrap** framework, enabling dynamic data interaction
- Suggested improvements to the **PHP** & **MySQL** scripts to optimize the website's performance

PROJECTS

SnapAI
An application that transforms text-based queries into captivating images using AI (github.com/chiragxt1/SnapAI)

- Created a responsive and user-friendly interface using **ReactJS**, enhancing the image generation experience
- Designed and implemented the backend using **ExpressJS** & **NodeJS**, facilitating smooth communication between the frontend and the APIs
- Utilized **MongoDB** as the database solution, ensuring efficient storage and retrieval of image data
- Integrated **Cloudinary** for seamless image storage, processing and optimization
- Leveraged the power of **OpenAI API** to generate realistic and unique images based on user input

Store Locator API
An API that helps users locations on the map (github.com/chiragxt1/store-locator-api)

- Developed a robust API using **NodeJS** & **ExpressJS**, integrated with **MongoDB** for data storage and retrieval
- Implemented a **GeoJSON** location field in the database schema to accurately store each store location
- Utilized vanilla **JavaScript** to develop the frontend
- Enhanced the functionality of the application using **Mapbox** library

Amazon Clone
A clone of the Amazon shopping website, featuring a user-friendly interface and a secure payment system

- Simplified the Amazon web app by revising the web pages using **ReactJS**
- Streamlined the database process using **Firebase Authentication SDK** to manage user credentials
- Integrated **Stripe**, enabling universal payments and the acceptance of a wide range of payment methods

SKILLS

Languages & IDEs Python, Javascript, C/C++, Java, CSS, VS Code, Visual Studio, IntelliJ

Frameworks ReactJS, ExpressJS, NodeJS, Bootstrap, Tailwind

Database & Others MongoDB, MySQL, Git, Latex, Postman, Chrome Developer Tools