

# Parth Bhodia

[parthbhodia.com](http://parthbhodia.com) | [LinkedIn/in/parthbhodia](https://www.linkedin.com/in/parthbhodia) [GitHub](https://github.com/parthbhodia)

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## SOFTWARE DEVELOPER

I am a Software Developer with over **5 years of experience** in **HTML, CSS, SASS, SCSS, Typescript, Javascript, Node Js, Python, AWS, Java (Springboot)**. I am proficient with modern frameworks such as **Vue Js, Nuxt and React Js** and experience with **REST APIs and GraphQL**.

## EXPERIENCE

### Fullstack Developer

*Eccalon LLC - Service based company*

May 2022 – Present

*Remote*

- Developed a personalized knowledge assistant **ChatBOT** that uses **large language models (GPT) and vector databases (Pinecone)** to predict the success rate of a vendor based on historical data, helping vendors prioritize high-probability contracts. Reduced **time-to-information retrieval by 50%**, improving decision-making speed and accuracy for clients.
- Designed and implemented a **Postgres schema** for a CMS management system to efficiently manage and display data from database with 1 lakh+ users.
- Engineered a secure **Login and Registration system** with JWT authentication using AWS Amplify, Cognito, API Gateway, and Lambda Services.
- Developed and deployed dynamic AWS Lambda functions to generate HTML content with Open Graph metadata, enhancing social media sharing and SEO for a sports news platform.
- Integrated **Stripe** payment processing into our NLSE (Sports Entertainment) website to accept tickets for matches and events.
- Implemented frontend solutions using HTMX and Vue.js, ensuring seamless dynamic interactions without requiring full page reloads for Project Spectrum ( Govt. Website) .

### Research Assistant - Software Developer

*University of Maryland, Baltimore County*

Jan 2022 – Dec 2022

*Halethorpe, MD, US*

- Developed a framework for **GIS-based visualization of detecting enemy objects using Elastic Search and Kibana**. During this project, I gained a deep understanding of Elastic Search's powerful search capabilities, its scalability, and how it can be used to store and **visualize large volumes of data in real-time using Kibana**.
- Used: **Java Springboot** to control the server and communicate with the edge devices using **Rabbit MQ**.

### Software Developer

*Tata Communications Ltd.*

July 2018 – May 2021

*Mumbai, MH, IN*

- Led the development and design of an internal IPT Tool dashboard for 10,000+ users to monitor login activity, app usage, and security metrics using **Django, Python, Javascript, React**.
- Automated testing and feature deployments, ensuring reliable and efficient workflows.
- Developed an automation application for Back-Bone Cost Map using **Python3** and **Leaflet Open Maps**, enabling the sales team to identify optimal customer routes and increasing APAC region revenue by 36%.

## PROJECTS

### Nutri AI Scan

*Vue Js, REST API, Mongo DB*

Oct 2022 – Feb 2023

- \* **Won 2nd place at the CBIC Entrepreneurship at UMBC out of 25+ teams.** I developed a progressive web app using OCR to identify allergens and harmful ingredients which provide healthiness ratings for food products.

## CERTIFICATIONS

### Harvard Univerity

*Data Science: Machine Learning*

Online

### JP Morgan Chase

*Advance Software Engineering - Design a System using Kafka, H2, API*

Online

## EDUCATION

### University of Maryland, Baltimore County

*Masters of Science in **Computer Science***

Baltimore, MD, US

*August 2021 – May 2023*

### University of Mumbai

*Bachelor of Engineering in **Information Technology***

Mumbai, MH, IN

*August 2014 – May 2018*