

SAGAR RATHOD

sagarathod.site | sagarbrathod1@gmail.com | (989) 560-9700 | [linkedin.com/in/sagarbrathod](https://www.linkedin.com/in/sagarbrathod) | github.com/sagarbrathod1

EDUCATION

iOS Mobile Development Bootcamp | CodePath Remote | **Sept. 2022 – Current**
C++ Coding Bootcamp | Washtenaw Community College Ann Arbor, MI | **Jun. 2022 – Aug. 2022**
Bachelor of Science in Human Biology | Michigan State University East Lansing, MI | **Graduated May 2022**

- **Minors:** Philosophy and Computer Science
- **Coursework:** Object-Oriented Programming; Data Structures & Algorithms; Applied Statistical Methods; Discrete Math
- **Activities:** Active Minds (President); Spartan Spectrum (Treasurer & Web Dev); Policy Debate (Head Coach)

SKILLS

Languages: Python · Java · C++ · JavaScript · TypeScript · HTML · CSS (Bootstrap, Tailwind) · Swift
Frameworks: React · Node · Express · Next · Amazon Web Services · Google Firebase · GCP · MongoDB · PostgreSQL
Business: Customer Acquisition · Consulting · Business Development · Lifecycle Planning · Real Estate

EXPERIENCE

Software Engineering Intern | Headstarter New York, NY | **Jun. 2022 – Current**

- Created 3+ web app changes accepted to production using React, AWS, and RESTful APIs to open-source projects.
- Built serverless APIs using AWS Lambda with 99% uptime and real-time DynamoDB data entry tables.
- Spearheaded projects from design to deployment leading 4+ fellows using MVC design patterns.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git, SDLC, and microservice patterns.

Software Engineering Extern | Plivo Remote | **Aug. 2022 – Sept. 2022**

- Developed an omnichannel customer service platform, leveraging React and JavaScript, to allow for communication between customers and company administrators via email, video chat, SMS (Twilio API), and in-app instant messaging.
- Implemented a complex AI Chatbot, which resulted in increased customer support efficiency by 20%.
- Utilized Google Maps API to assist customers in finding store locations to increase store visits.
- Engineered MongoDB backend with MVC design on an Express.js server to manage all queries and admin dashboards.
- Selected as 1 of 7 teams to present our final product to the Product Marketing Manager of Plivo.

Senior Manager, Business Operations | New Vision Resources, INC Detroit, MI | **May 2018 – Jun. 2022**

- Managed a technology staffing and consulting company that provides contract, contract-to-hire, and permanent staff augmentation services to Fortune 500 companies, local municipalities, and federal government agencies.
- Prepared financial contracts between New Vision Resources and prospective clients. Resulted in the company's expansion for staffing across various industries, with growth from 3 employees to 21 employees in 2021.
- Conducted diligence of a client's technical and business requirements to streamline operational processes with recruiters in the United States and India to place software developers and IT specialists with clients.

PROJECTS

Reddit Clone | React · TypeScript · Next.js · Firebase · Chakra UI [GitHub](#) | **Fall 2022**

- Currently developing a Reddit clone. Users can create intricate posts, vote/comment on posts, and join communities.
- Utilizing Google Firebase for user authentication, and Recoil for state management. Deploying website with Vercel.

Brand AI | Python · AWS · React · TypeScript · Next.js · Tailwind CSS [GitHub](#) | **Summer 2022**

- Created an AI-driven SaaS app that generates upbeat taglines and search-engine-optimized keywords for businesses.
- Developed a Python FastAPI framework that utilizes OpenAI's GPT-3 API for content generation. Managed cloud infrastructure and containerization with AWS CDK and Docker. Deployed website with Vercel and AWS Lambda.

E-commerce Bookstore | React · JavaScript · AWS · GraphQL · Stripe API [Website](#) | **Summer 2022**

- Deployed a bookstore using AWS Amplify and AWS AppSync to connect React front-end with DynamoDB backend.
- Utilized Stripe API for payments, GraphQL API for CRUD operations, Amazon Cognito for user authentication, AWS Lambda functions to process book orders, and S3 buckets to store book images.

Automated Resume Parser | React · Redux · Node.js · Express.js · Tailwind CSS [GitHub](#) | **Spring 2022**

- Developed a website that allows applicants to upload their resumes and allows recruiters to search for candidates.
- Implemented a backend component that parses through pdfs and indexes key information for sleek search.

Space Invaders | Python · Pygame [GitHub](#) | **Fall 2021**

- Built the game "Space Invaders" with object-oriented design and created a user-controlled spaceship and AI enemies.
- Implemented bullet shooting capabilities, enemy elimination/regeneration, health bars, and scorekeeping.