

Contact

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(LinkedIn)

Top Skills

Ceph
Network Security
Block Storage

Languages

English (Full Professional)
Hindi (Native or Bilingual)
Kannada (Native or Bilingual)

Sagar Neeli

Senior Backend Developer with Python, Java & Go | TypeScript & Flask | Microservices | CI/CD | AWS | Interested in Event-Driven Systems

Boston, Massachusetts, United States

Summary

I am a results-driven backend developer focused on the modern web stack with 8+ years of experience building applications on the web and financial sector. I am constantly improving myself, and I am eager to use my technical skills to build highly scalable applications and enhance and architect solutions to solve complex challenges and problems.

Programming has been my passion since childhood and led me to pursue Computer Science throughout my academic life. Leaving my comfort zone in India, I moved to the United States, Boston, to fulfill my dream of building an international career in IT as a Software Engineer for a top technology company. After successfully graduating from Northeastern University, Boston, I started working as a full-stack engineer in the E-commerce industry.

Currently, I work at HubSpot as a Senior Software Developer (backend). Together with a multidisciplinary team, we build services for the CMS Hub platform to help customers, content creators, and developers to manage their websites and provide flexible options to integrated third-party applications so that they can 10x their businesses.

I enjoy jogging, reading manga, and keeping up to date with the latest technologies in my free time.

Tech stack: Python, Java, Flask, Dropwizard, Go, TypeScript, Node, Microservices, Git, Github, Circle CI, React, MySQL/SQL/ PostgreSQL/ NoSQL, AWS suite of tools, Docker, Kubernetes, Kafka, Redis, Memcached, Serverless Compute, Elastic Search, JIRA, Confluence.

Interests - Design Patterns, CI/CD, REST APIs, API Development, Domain-Driven Design, Machine Learning.

My GitHub: <https://github.com/sagarneeli>

You can reach me at sagarneeli1191@gmail.com.

Experience

Akamai Technologies

Senior Software Engineer

July 2025 - Present (2 months)

Cambridge, Massachusetts, United States

Storage Engineering

CVS Health

Senior Software Engineer

March 2025 - July 2025 (5 months)

Wellesley, Massachusetts, United States

Prior Authorization Operations - Enterprise Data Machine Learning Team

HubSpot

Senior Software Engineer

January 2023 - February 2025 (2 years 2 months)

Boston, Massachusetts, United States

Responsible for building the next generation of HubSpot CMS.

- Architected a scalable Content Management Platform (CMP) using microservices and API-driven design, consolidating 5+ content types and cutting onboarding time by 50%, enhancing collaboration for 10+ teams.
- Designed and developed AI-powered translation capabilities using DeepL, expanding content localization to 30+ languages and achieving 95% adoption among marketers globally.
- Enhanced platform scalability, unlocking the ability to migrate additional non-CMS content types and accelerating new feature delivery timelines by 40%.
- Developed REST APIs for CRM integration, empowering 10,000+ marketers to create personalized content, boosting engagement metrics by 20%.

Technologies: Java, Dropwizard, Guice, AWS (Lambda, S3, CloudWatch),
Kafka,
MySQL, HBase

Jetty

Senior Software Engineer Technical Lead

March 2021 - January 2023 (1 year 11 months)

New York City Metropolitan Area

Led and built cutting-edge backend features for Jetty's lending and insurance products like Jetty Deposit, Jetty Rent, and Jetty Credit.

- Successfully built over 20 partner integrations to sync over 500,000 resident data within Jetty using Python and event-driven AWS serverless Framework.
- Built a highly scalable distributed messaging system using event-driven queues (Amazon SQS) and infrastructure as code (Python CDK) to effectively match applicants purchasing insurance through Jetty reducing the latency to upload purchase data to third-party vendors by 90% successfully.
- Led the development and adoption of a Partner Management tool to automate onboarding new partners, reducing the manual process by 70% using Python, Flask, and modern JavaScript stack (React + GraphQL).
- Designed and implemented microservices blueprint in GO by abstracting all the configurations in reusable components using Docker that helped other teams spin off services and reduced the development lifecycle.
- Used data build tool (DBT) to load customer data and transform it into reporting dashboards in Snowflake to enable stakeholders to determine the match rate of residents purchasing insurance policies under Partner properties which reduced the error rate of customer matching by 40 percent.
- Guided technical discussions within my team, acted as a subject matter expert to the other engineering teams, and had strategic influence beyond the engineering org.

Technologies: Redis, Snowflake, BriteCore.

Wayfair

Senior Software Engineer Technical Lead

February 2016 - February 2021 (5 years 1 month)

Boston, Massachusetts, United States

Built different types of programmatic advertisement to be served for millions of customers on Wayfair's website using PHP, React, MS SQL, and its ecosystem:

- Built Ad serving pipeline to run auctions server-side with the third party Ad server which allowed Ads to be displayed faster on-site and increase the page performance by 60% using Java, Dropwizard API, Docker, Kubernetes, Memcached
- Automated supplier reporting system for sponsored products management team through developing internal report generation tools using Python, MS SQL, Hive, and Spark, saving company ~\$200,000 annually.
- Defined specifications for various media products and developed them in PHP, JavaScript, React, GraphQL, and MS SQL, leading to new platform for managing 10,000+ suppliers and over 50,000 individual campaigns.
- Oversaw 3rd-party integration with AppNexus as ad server, involving architecture, design, implementation, and testing of advertisements on website on short timeline, increasing Wayfair's Media revenue by 80%.
- Led team of 4 members on development, testing, debugging, and maintenance of dynamic and secure parts of Wayfair website, including display advertisements, custom services, and brand partnerships.
- Researched current industry trends and assisted with development and promotion of company's pattern library to educate employees within team and company.

Technologies: JavaScript, React.js, Python, Typescript, GraphQL, SQL, GCP, Docker, Kubernetes

Road Scholar

Web Developer Intern

January 2015 - June 2015 (6 months)

11 Ave de Lafayette Boston, MA 02111

- Created UI features like autocomplete and drop-down word suggestions with hashtag support for programs enrollment form with React and Elasticsearch API's n-gram tokenizer, increasing customer signups by 60%.
- Developed HTTP client web service to fetch and aggregate 10+ million user records utilizing Boomi ETL and Mandrill API to send automated promo emails to registered users.
- Integrated Chase Orbital Gateway for credit card processing on checkout page by using React and Chase Paymentech API, resulting in securely hosted payment form and increasing payment accuracy by 30%.

Technologies: JavaScript, React, MySQL, Boomi ETL

RSA, The Security Division of EMC

Software Quality Engineer Intern

May 2014 - August 2014 (4 months)

174 Middlesex Turnpike, Bedford, MA 01730

- Integrated Java Management Extension to monitor the health of internal applications and automated continuous integration Dashboards by using Java and TestNG, this helped to manage and collect useful statistics using level one performance tests and obtain 80 % code coverage.
- Implemented custom XML parser to format and store token reporting data efficiently in the database by using Java XML Binding and XStream library this helped save 20+ manual hours per week.

Technologies: Java, TestNG, JSON, JMX

Education

Northeastern University

Master's Degree, Computer Science · (2013 - 2015)

KLE Technological University - Hubballi (India)

Bachelor's degree, Computer Science · (2009 - 2013)