

Shashank Sigdel

Harrisburg, NC | shasigdel@gmail.com | +1(929)-602-9703
www.github.com/shasigdel | shashanksigdel.com | /in/shashanksigdel1429

Education

CUNY - York College , Queens, NY	<i>Feb 2022 – Dec 2024</i>
B.S. in Computer Science	GPA: 3.6/4
LaGuardia Community College	<i>Aug 2020 – Dec 2021</i>
Associates in Computer Technology	GPA: 3.4/4

Skills

Languages & Frameworks Java, C/C++, JavaScript, SpringBoot, Node.js, Python
Cloud Platforms: AWS, Google Cloud Platform (GCP), Firebase
DevOps & Tools: Docker, Git, CI/CD, IntelliJ, VS Code, JIRA, Postman, Grafana
Databases: MongoDB, Postgres, MySQL

Professional Experience

Blink Voice , Software Engineer II	<i>Feb 2025 – Jun 2025</i>
<ul style="list-style-type: none">– Developed backend microservices in Java using Spring Boot, Spring MVC, and Spring Security to support a large-scale enterprise communication platform used by thousands of users.– Built and optimized RESTful APIs for authentication, subscription management, and messaging workflows, reducing API response times by 35%.– Implemented event-driven architecture using RabbitMQ for real-time call event processing, async notifications, and distributed message delivery.– Worked on backend modules for the Electron-based desktop app, implementing secure token validation and multi-device session handling.– Created CI/CD pipelines using Maven and GitHub Actions for automated builds, testing, and deployments, reducing manual deployment errors.– Designed logging and exception-handling middleware using Spring AOP to improve debugging, observability, and production monitoring.	

BNY Mellons , Software Engineer I	<i>Jun 2019 – May 2021</i>
<ul style="list-style-type: none">– Developed enterprise Spring Boot applications handling high-volume financial data.– Built secure REST APIs with Spring Security and JWT-based authorization.– Implemented CI/CD with GitLab, Maven, and Docker, reducing deployment time by 40%.– Configured and supported enterprise applications, including database and API integrations.– Collaborated with cross-functional teams to troubleshoot and resolve system issues, ensuring high availability of applications.	

Internship

York College , Software Engineer Intern	<i>Jun 2024 – Dec 2024</i>
<ul style="list-style-type: none">– Built backend microservices for “YorkGPT,” improving student access to academic info.– Developed REST APIs that served structured data for LLM-based responses.– Implemented embeddings, preprocessing, and prompt engineering to reduce hallucinations.– Collaborated in Agile workflow and contributed to testing and deployment pipelines.	

Tech Incubator at Queens , Software Engineer Intern	<i>Jun 2024 -- Sept 2024</i>
<ul style="list-style-type: none">– Delivered software solutions by collaborating with cross-functional teams, ensuring alignment with project goals.– Enhanced code quality by writing clean, maintainable, and efficient code, improving overall project scalability.– Used React and Google Colab for data processing and front-end tasks.	

AuriStor Inc. , Software Engineer Intern	<i>Feb 2024 – Apr 2024</i>
<ul style="list-style-type: none">– Built admin dashboard in React/TypeScript for internal workflow management.– Implemented OAuth 2.0 authentication for secure system access.– Visualized Kubernetes pod metrics and improved observability for AI workflows.	