

Sachin Sharma

Residence/domicile: Pune, Maharashtra

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Portfolio: sachinfo.netlify.app * *Github:* semantic-void * *LinkedIn:* sachin-sharma

Summary

I bring robust design and integration skills to the table, coupled with a natural knack for solving complex problems. Throughout my experience, I've not only mastered the art of quickly adapting to new languages and technologies but have also significantly contributed to cost-saving initiatives and enhanced code quality. My enthusiasm is dedicated to driving the successful implementation and launch of innovative projects. I've successfully translated intricate business requirements into efficient technical solutions, all backed by over 1 year of hands-on experience in the field.

Technical skills

Programming Languages/Tools	Java, TypeScript, Javascript/Node.js, SQL, PL/SQL, HTML, CSS, Redis
AWS Services	Lambda, SQS, SNS, IAM, DynamoDB, S3, EC2, OpenSearch
Frameworks	Spring Boot, Express.js, Servlet, JSP
Familiar	Next.js, React Elastic Stack, Kibana, Grafana, Unix, Tomcat, Hibernate, JPA, ORM, Spring Security, Android, Mong, Next.js, oDB, Git / Github, Maven, Gradle, Junit, DSA, Java 17

Work experience

AlgoDomain Solutions

July 2023 - Present

Software Engineer

Kharadi, Pune, Maharashtra, India

- Excelling at a leading Travel & Reservation System specializing in Airline Reservation System (ARS). Leveraging Java, Spring Boot, Node.js, TypeScript, JavaScript, AWS, OpenSearch (Elastic Stack), and Grafana. Optimized flight tasks for seamless operations and enhanced travel experiences.
- Contributed to two medical domain projects of MNC clients. Utilized Java, Spring Boot, AWS, TypeScript, Node.js, and Phoenix integrated with the company's Artifactory. Successfully enhanced systems in the medical field.
- In the banking domain, I've developed a robust version migration tool for our client. It effortlessly updates dependencies and code, while also managing Git pull, push, and a plethora of other features. Technologies used include Java Spring Boot, Maven, and OpenRewrite for the backend, and TypeScript along with Next.js, Next UI, and third-party components for the frontend.

GN Infotech, Authorized by C-DAC

November 2022 - April 2023

Sr. Software Development Trainer and Developer

Khanna, Punjab, India

- Exercised dual roles as a Developer and Senior Software Development Trainer, emphasizing the creation of websites and the delivery of freelancing endeavors. Elevated educational standards through personalized guidance and adept enrollment strategies.
- Championed educational excellence by revolutionizing the training curriculum, resulting in a marked improvement in student performance and satisfaction.
- Mastered a diverse array of technologies, including Java core, J2EE, Spring Boot, REST, JSON, SQL, C, C++, Node.js, TypeScript, JavaScript, HTML5, CSS, and Bootstrap, demonstrating unparalleled versatility and expertise.

Achievements and Contributions

- Coordinated a team, overseeing aspects of delivery, punctuality, and quality.
- Optimized logs, achieving a 20% cost reduction, and successfully removed 80% of flight logs.
- Integrated new airline and round-trip functionality, resulting in a 10% increase in bookings.
- Conducted an investigation into logs of failed bookings and implemented enhancements to reduce booking failures.
- Optimized and enhanced the existing International Flight Booking functionality to bolster the competitiveness of the platform.
- Conducted investigations into unusual claims, cases, and incidents. Implemented fixes if issues were identified on our end, etc.
- Thoroughly examined the caching and logging architecture with a focus on optimization and reverse engineering. As part of this process, I crafted detailed reports and illustrative charts, providing clear insights for higher management.
- I've crafted a version migration tool that seamlessly transitions dependencies and code, catering to both frontend and backend needs.

Education

Master's of Science in Information Technology

Master's degree program

Final CGPA: 8.2/10

Mohindra College, Patiala

December 2020 - December 2022

Bachelor's in Computer Application

Bachelor's degree program

Final CGPA: 7.01/10

Mohindra College, Patiala

July 2017 - Nov 2020

Portfolio of most relevant bespoke projects

TechBlog

GitHub: github.com/semantic-void/Projects

- **Project Description:** A platform for programmers to share information, seek answers, and engage with valuable content through QA and liking posts. It provides seamless user Sign-Up, login, and profile management features.
- **Technology:** Java Stack, JSP & Servlets, SQLite (for easy portability), JavaScript, CSS, HTML, Ajax, JQuery, Bootstrap, Material icons, Font Awesome, Apache Tomcat

GeekCentral

GitHub: github.com/semantic-void/GeekCentral

- **Project Description:** The adaptation of the TechBlog project into Spring Boot with new features.
- **Technology:** Spring Boot, Spring Data JPA, Spring Security, JSP, MySQL, jQuery, JavaScript, Spring Boot MVC, Java Fullstack.

StoryBooks

GitHub: github.com/semantic-void/MyStoryBooks

Live: storybooks-5spl.onrender.com

- **Project Description:** Storybooks is a dynamic platform for sharing and managing stories. Users can CRUD their own public or private stories, as well as explore public stories shared by others. Additionally, users can view public stories from a specific user. It also provides the option for users to securely log in using Google Auth.

- **Technology:** Node.js, Express.js, Express Handlebars, Google Auth, Passport.js, Atlas (MongoDB cloud)

Certifications

Spring framework with Spring boot
Telusko / Navin Reddy

November 2022
Certificate