

# GUNDEEP SINGH SALUJA

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## SUMMARY

Highly motivated Software Engineer with 2 years of experience in developing and deploying robust Full-Stack web applications leveraging technologies like Node.js, React, Redis, and AWS. Proven ability to work collaboratively with cross-functional teams and deliver high-quality products on time.

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, Python, Java, HTML5, CSS3, React, Redux, Node.js, Django, ASP.NET, Flask, MVC, AJAX, Spring Boot, GraphQL, Express.js, jQuery, Bootstrap, Next.js, RESTful API, JUnit, PyUnit  
**Tools & Technologies:** Git, GitHub Actions, VS Code, Linux, Docker, Heroku, AWS, Azure, Apache, Nginx, Postman, Kafka, CI/CD, MongoDB, MySQL, PostgreSQL, Oracle, Redis, SOAP, Jenkins, Microservices, Tailwind, Agile

## PROFESSIONAL EXPERIENCE

### Software Engineer, *Wipro*

08/2023 – Present | Remote, USA

- Developed an AI-driven healthcare platform enabling scalable and maintainable microservices with Node.js (Express.js) and Java with Spring Boot for the backend and React.js for the front end, serving over 500,000 users
- Implemented a HIPAA-compliant patient data handling system with zero breaches, bolstered by industry-standard encryption and security features from Spring Security in the Spring Boot framework
- Managed a MongoDB database with 10 million patient records, boosting performance by 35% with Redis caching, and implemented Spring Data MongoDB for improved data access
- Developed RESTful APIs with Spring Web MVC to handle 200,000 daily requests, leveraging Spring Boot for streamlined API development and maintenance
- Implemented a containerized healthcare application with Docker and Kubernetes for efficient microservices orchestration, ensuring scalability and high availability
- Leveraged AWS services (EC2, RDS, S3, DynamoDB) for deployment, data management, and storage, maintaining an impressive uptime of 99.95% and ensuring efficient platform operation
- Utilized Junit framework for unit testing within the Spring Boot framework, ensuring code reliability and facilitating continuous integration and deployment pipelines

### Software Engineer, *Genpact*

04/2020 – 07/2021 | Chennai, India

- Developed and deployed a high-impact course management platform using React, Node.js, Express.js, Docker, AWS Cloud, and Java using microservices architecture for enhanced performance, scalability, and testability
- Led requirements analysis, integrating event calendars, real-time updates, and email notifications, resulting in a 20% increase in user engagement, showcasing enhanced platform usability
- Implemented Node.js and Express.js with Docker and AWS for scalable infrastructure, utilized Java and Spring Boot for Microservices, and employed Junit for reliable unit testing
- Redesigned database schema, optimized data access algorithm, and developed 20+ UI-facing REST APIs using Java and Spring Boot microservices, resulting in a 30% increase in the speed of a complex feature
- Orchestrated knowledge-sharing sessions, focusing on Express middleware best practices, enhancing the team's proficiency in fortifying security measures and mitigating vulnerabilities
- Translated complex business requirements into scalable solutions, showcasing a commitment to delivering exceptional results and staying abreast of the latest technologies and best practices in software engineering

## RELEVANT PROJECTS

### PetOpia | [Link](#)

02/2023

- Developed a comprehensive pet health management web application using NodeJS, React, and Firebase featuring medication tracking, vaccination records, and a vibrant community; it utilizes cron jobs, AWS, and Redis for a seamless user experience and cache management

### Kid's Guardian | [Link](#)

11/2022

- Developed a parental monitoring application with live webcam feed using Python Tkinter for GUI, OpenCV for movement detection, and MySQL for data storage. Implemented video encryption and utilized Agile methodologies with JIRA for efficient project management

## EDUCATION

**Stevens Institute of Technology**, Hoboken, USA

09/2021 – 05/2023

*Master of Science, Computer Science | GPA: 3.7*

**Vellore Institute of Technology**, Vellore, India

06/2016 – 05/2020

*Bachelor of Technology, Computer Science and Engineering*