

# Gundeep Singh Saluja

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## SUMMARY

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Dedicated Full-Stack Developer with over 2 years of experience in using JavaScript, Python, and Java to build scalable, high-performance, and user-centric web applications, reaching millions of users. I am proficient in cloud technologies like AWS and passionate about leveraging my expertise in a forward-thinking company that values innovation and continuous learning.

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6), Java, Python, TypeScript  
**Web Technologies:** React.js, Next.js, Node.js, HTML5, CSS3, Redux, JSON, OAuth, REST, GraphQL  
**Frameworks:** Express.js, Flask, Django, Spring Boot, Tailwind, Bootstrap, Material UI  
**Databases:** MongoDB, MySQL, PostgreSQL, Redis, Oracle, MSSQL  
**Testing:** Jest, Postman, JUnit, Google Developer Tools  
**Analytics Tool:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Scrapy  
**Tools & Technologies:** Git, Docker, Kubernetes, AWS (EC2, S3, Lambda), Apache Kafka, Agile

## PROFESSIONAL EXPERIENCE

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### Software Engineer

Aug 2023 – Present

*Wipro*

*Remote, USA*

- Orchestrated the creation of a SaaS-based AI-driven healthcare platform using React.js for over **500,000 users**, ensuring HIPAA compliance with a secure patient data handling system using OAuth and achieving zero breaches
- Managed a MongoDB database hosting over **10 million patient records** and optimized system performance by 35% through the strategic use of Redis for caching
- Developed RESTful APIs using Node.js (Express), handling **200,000 daily requests**, and implemented a containerized solution using Docker and Kubernetes for scalable and high-availability microservices orchestration
- Engineered a Kafka-based messaging architecture for microservices, processing over **100,000 daily events**, resulting in a **50% boost** in backend efficiency and a **30% faster** user experience
- Leveraged AWS services (EC2, RDS, S3) for deployment, data management, and storage, maintaining an impressive **uptime of 99.95%** and ensuring efficient platform operation

### Full Stack Engineer

Apr 2020 – Jul 2021

*Genpact*

*Chennai, India*

- Led the development of 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
- Integrated 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 automated unit testing
- Redesigned database schema, optimized data access algorithm, and developed **20+ UI-facing REST APIs** using Java and Spring Boot, resulting in a **30% increase** in the speed of a complex feature

### Software Developer Intern

Apr 2019 – Aug 2019

*Semantics*

*Bengaluru, India*

- Developed and maintained RESTful APIs for an NLP-based essay evaluation platform using Flask. Employed caching mechanisms for frequently accessed data resulting in a **15% increase** in API response efficiency
- Engineered complex database models and created data validation methods using Python's SQL-Alchemy ORM to efficiently store and manage essays, student data, and evaluation metrics

## EDUCATION

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### Stevens Institute of Technology

Hoboken, NJ

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

*Sep 2021 – May 2023*

### VIT University

Vellore, India

*Bachelor of Technology in Computer Science and Engineering*

*Jun 2016 – May 2020*