Gundeep Singh Saluja

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EXPERIENCE

CVS Health, USA - Software Engineer   Sep 2023 - Mar 2025
- Developed and enhanced frontend interfaces using React for AI-powered diagnostic tools, streamlining telehealth workflows and improving decision-making for 500K+ users in compliance with HIPAA
- Optimized rendering performance and data-fetching strategies, enabling real-time interaction with 10M+ patient records via efficient component design and state management
- Collaborated with backend teams on RESTful API integration, managing 200K+ daily requests while ensuring UI responsiveness and user-centric error handling
- Contributed to a CI/CD pipeline (GitHub Actions) for frontend deployments and monitored UI performance using CloudWatch and custom dashboards, maintaining 99.95% application uptime

Stevens Institute of Technology, New Jersey - Teaching Assistant   Jan 2022 - Dec 2022
- Mentored over 100 students through doubt-clearing sessions focused on Python and machine learning algorithms, leading to a 15% increase in engagement compared to the previous semester
- Delivered targeted coding tutorials and exam review sessions aligned with coursework, resulting in a 10% improvement in average student performance
- Supported course operations by grading assignments, collecting feedback via student surveys, and serving as a substitute tutor, enhancing overall instructional efficiency

Agadhbodh Foundation, India - Frontend Developer   Aug 2020 - Jun 2021
- Built core UI components using JavaScript for an EdTech platform used by 10K+ students and educators, improving accessibility and user experience
- Implemented interactive features such as event calendars, real-time updates, and email notifications, increasing student engagement by 20%
- Enhanced frontend performance by refactoring React components and improving state management, reducing load times by 25% and enabling smooth content streaming
- Refactored backend data models and built 20+ RESTful APIs, optimizing schema design and reducing API response time by 30% for real-time course delivery

TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript, Java 11, C++, HTML/CSS, SQL
Frameworks: Node.js, Express.js, Next.js, Django, Flask, Jest, JUnit, Material-UI, FastAPI, Spring Boot, ASP.NET
Database Management: Postgres, MySQL, Redis, Cassandra, MongoDB
Libraries: React, Redux, jQuery, Pandas, NumPy, Matplotlib, Scikit-Learn, Selenium
Other Tools: Git, Docker, Kubernetes, Chrome Dev Tools, PyCharm, Jenkins, Webpack, JIRA

PROJECTS

PetOpia | *Node.js, React, Firebase, Redis, AWS* | *[Link](#)*
- Built a pet health management platform in a team of 4 featuring medication tracking and vaccination records
- Implemented Firebase Authentication to streamline user authorization reducing login issues

Kid's Guardian | *Python, MySQL, OpenCV* | *[Link](#)*
- Led a 4-member team to build a child safety app with video encryption and motion detection
- Managed project using JIRA enhancing team collaboration following Agile methodology practices

EDUCATION

Stevens Institute of Technology, Hoboken, USA - *Master of Science, Computer Science*

Vellore Institute of Technology, Vellore, India - *Bachelor of Technology, Computer Science*