S S Nireeksha Jain

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Education

PES College of Engineering	BE in Computer Science & Engineering
CGPA: **7.83 / 10**	*Aug 2019 - June 2023*

Technical Skills:

1) *Programming Languages:* Java, JavaScript, TypeScript, Python
2) *Web Technologies and Framework:* Node.js, Express.js, React.js, HTML, CSS(basics)
3) *Databases:* MySQL, DynamoDB
4) *Development Tools:* Git, GitHub actions, Postman, Swagger UI, Visual Studio Code, SonarQube
5) *Methodologies & CI/CD*: Agile (Scrum), Jira, Confluence
6) *Cloud Platform:* AWS (basics*)*
7) *Testing:* Unit Testing, Test Driven Development

Certifications:

1) Professional Scrum Master™ I (PSM I) – Scrum.org

Work Experience

- ● ***System Engineer***   ***Tata Consultancy Services Ltd.***   *Nov 2023 – Nov 2024*
  Client: Mercedes Benz Research & Development India

  - o Developed a MERN-based translation web app with bulk uploads, CRUD operations, and filtering; later migrated to DynamoDB for scalability.
  - o Refactored backend logic from JavaScript to **Express.js**, enhancing API efficiency by **30%** by reducing response time and optimizing queries.
  - o Implemented unit tests for both frontend and backend, achieving 95%+ coverage in SonarQube, ensuring high code quality and maintainability.
  - o Integrated with Git, Postman and collaborated in an **Agile** team, actively participating in sprint planning, stand-ups, and retrospectives to ensure timely project delivery.
  - o Conducted **technical interviews** for **50-60 full-stack engineering candidates**, assessing system design and development proficiency.

- ● ***Software Engineer Intern***   ***Accolite Private Limited***   *Feb 2023 -- June 2023*
  - o Developed a **Seat Management System** using **Spring Boot, React.js, and MySQL**, improving seat allocation efficiency by **40%**.
  - o Implemented optimized **RESTful APIs**, reducing database query time by **20%** and enhancing system performance.

- ● ***Digital Marketing Intern***   ***Idaksh Technologies***   *April 2021 -- Jan 2022*
  - o Increased website traffic by **35%** through SEO strategies and digital campaigns.
  - o Managed WordPress-based content, improving audience engagement and retention.

Projects

- ● ***Artisan E-commerce shopping website***
  - o Built a full-stack **shopping cart application** using **Spring Boot, React.js, and MySQL**, integrating **user authentication, product catalog, cart management, and secure payments**.

- o   Optimized **database queries**, reducing page load times by **40%** and enhancing overall system performance.
- ● *Seat Management System*
  - o   Designed and developed a **real-time seat allocation system** using **Spring Boot, React.js, and MySQL**, reducing manual tracking errors.
  - o   Integrated **role-based access controls**, automated reporting, and **RESTful API** functionalities for better security and efficiency.

Soft Skills

- ● *Problem-Solving & Adaptability***:** Enhanced API performance by **30%** by refactoring backend logic in Express.js.
- ● *Leadership & Team Collaboration:* Led **technical interviews** for **50-60 candidates** and conducted workshops as an **IEEE volunteer**.
- ● *Continuous Learning & Team Management:* Worked in an **Agile team**, contributing to sprint planning, stand-ups, and retrospectives.

Extra-Curricular Activities and Leadership

- ● *IEEE Member & Volunteer (Aug 2020 – Aug 2023)* – Led technical workshops and hackathons.
- ● *Student Placement Coordinator (Feb 2020 – Apr 2021)* – Assisted in coordinating recruitment drives and student training programs.
- ● *WIE-Chair, IEEE-PESCE (2022-23)* – Organized mentorship programs for aspiring women engineers.
- ● *Youth Leader - Kectil Colleague of the Year (2022-23)* – Selected for an elite international leadership program