Nandini Dani
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Full Stack Developer with 5 years of experience in designing and developing scalable web applications. Expertise in React and Angular frameworks, with a proven track record of enhancing user experiences, improving system performance and delivering impactful enterprise solutions.

EDUCATION

- **Master's degree in Computer Science (Distinction)** **Sep 2023 - Nov 2024**
  Anglia Ruskin University, Cambridge, UK | GPA: 3.2/4
- **Bachelor of Engineering in Computer Science** **Jul 2014 - May 2018**
  GGITS, Jabalpur, India | GPA: 3.3/4

TECHNICAL SKILLS

- **Programming Languages**: JavaScript, TypeScript, Python, SQL
- **Frameworks**: React, Angular, Node.js, GraphQL
- **Frontend Technologies**: HTML, CSS, Bootstrap, JSON
- **Tools**: Git, Webpack, Vite, Docker, AWS
- **Databases**: PostgreSQL, MongoDB
- **Development Practices**: Agile, Performance Optimization, RESTful APIs

PROFESSIONAL EXPERIENCE

Software Developer | Accenture **Oct 2021 – Sep 2023**
- Engineered React-based dashboards for data lineage, increasing efficiency by 24%.
- Reduced application load time by 10% using optimized GraphQL APIs.
- Revamped ATM UIs in Angular using TypeScript, achieving a 42% uplift in user satisfaction.
- Diagnosed and resolved system issues, minimizing downtime by 15%.

Software Developer | Cognizant Technology Solutions **Sep 2018 – Oct 2021**
- Designed and implemented RESTful APIs for Angular-based management project, reducing workflow time by 50%.
- Standardized UI components, boosting development efficiency by 30%.
- Strengthened data security with HTTPS and role-based access controls.
- Optimized performance with Redis integration and caching, reducing page load time by 25%.

PROJECTS

Data Profiling Tool
- Built scalable React components and a dynamic dashboard for interactive data lineage and profiling, enhancing enterprise data visualization.
- Improved real-time performance by integrating GraphQL for efficient data retrieval and responsiveness.

Poverty Detection in India Using Machine Learning
- Developed an AI-driven classification model (Random Forest, ANN, SVM, KNN) leveraging nightlight satellite data to predict poverty levels in Indian states.
- Addressed data imbalance with SMOTE, achieving 87.14% accuracy with Random Forest.
- Conducted evaluation using classification reports, ROC-AUC curves, and confusion matrices to validate model performance.

ATM UI Modernization
- Redesigned ATM interfaces using Angular 9 with an intuitive, accessible design and advanced features like QR-based withdrawals, boosting daily transactions.
- Achieved 80% code coverage with unit and integration testing, reducing UI production issues and enhancing reliability.

Personal Portfolio
- Created a responsive personal portfolio with React and TailwindCSS, showcasing skills through modular, scalable components.
- Hosted on GitHub Pages, demonstrating expertise in deployment pipelines and version control.

LEADERSHIP & EXTRACURRICULARS

- Led workshops on React best practices for team members, fostering skill development.
- Actively mentored junior developers, guiding them on efficient coding techniques, unit testing, and debugging, which helped reduce project turnaround time by 10%.