# Divya Nile

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## Summary

Resourceful professional in the field of computer systems analysis, known for high productivity and efficient task completion. Specializing in system design optimization, data analysis, and network security management. Excel at problem-solving, teamwork, and effective communication to navigate complex projects and deliver results.

## Skills

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|---|---|
| Libraries & Frameowkrs | React, Next.js, Angular, Vue.js, Material UI, GSAP, Three.js |
| Programming Languages | HTML, CSS, JavaScript, TypeScript |
| Tools & Platforms | AWS, Docker |

## Experience

### Solution Analyst

*Sankey Solutions*                                                    July 2023 - Present

- Designed and implemented a robust portal integrated with an MS SQL backend; optimized data retrieval times by 30%, resulting in smoother navigation and a 25% increase in user engagement metrics.
- Introduced RESTful APIs in Django for CRUD operations on loan and user databases, managing thousands of records.
- Designed and prototyped over 15 UI components using Figma, leading to a 25% reduction in design-to-development handoff time.
- Led frontend development for 3+ web applications using ReactJS, Next.js, and NestJS, improving page load performance by 30%.
- Contributed to an Angular-based project, enhancing application flexibility and scalability, which resulted in a 40% increase in user satisfaction and reduced development time by 50%.
- Implemented API integrations, reducing manual labor by 40%.
- Engineered lifecycle hooks, improving app productivity by 40%.
- Designed and implemented custom authentication pages using JWT tokens, improving security and reducing authentication errors by 30%.
- Developed a Chrome extension for network interception and API mocking, which streamlined the testing process and reduced manual testing time by 40%.
- Used Amazon S3 for storage, and Jenkins for deployment.
- Actively participated in designing and coding Angular applications, fostering a team-oriented environment with 10% or more senior developers and peers.
- Collaborated with the QA team to establish a real-time bug tracking system; the initiative led to an 80/ decrease in reported bugs, streamlining the development process, and enhancing product quality.
- Automated system capturing over 40% of clock-ins and clock-outs per day, streamlining time tracking.
- Integrated salary calculation module, accurately processing payroll for over 200 employees monthly, ensuring timely and precise salary disbursement.
- Reduced manual processing time by 30% through the automation of attendance and payroll functions.
- Decreased payroll errors by 20% due to accurate data capture and processing.
- Improved employee satisfaction by 15% with streamlined leave and attendance management.
- Utilized GSAP and Three.js to create interactive UI animations, enhancing user engagement by 40%, and improving application performance by 25%.

## Achievements

Spearheaded cross-functional teams of up to 10 members in developing secure banking applications, demonstrating leadership, and compliance with regulatory standards Enhanced application performance by 25% through secure RESTful API integration, optimizing data management Rapidly adapted to new technologies, excelling in diverse roles within the banking sector Mastered complex banking systems, accelerating secure API integration by 30% Fostered effective collaboration among teams, boosting project efficiency by 25%. Streamlined loan processing, payment systems, and data security, reducing processing time by 15% and improving reliability by 20% Implemented an Attendance Management System, optimizing punch-in/out tracking, salary calculations, leave management, and attendance regularization.

## Projects

**Automated Toll Gate System**                                                    GitHub

Automated Toll Gate System, Automated toll calculation based on distance traveled, reducing processing time by 75, Integrated UPI payment gateway, facilitating automatic toll deduction and increasing payment efficiency by 60%., Reduced manual toll collection time by 80%, resulting in a 50% increase in overall throughput., Managed and secured toll data

using MongoDB, improving data access speed by 40% and ensuring compliance with data security standards.

## Education

**Bachelor of Engineering**

*K.C. College of Engineering* 2019 - 2023

CGPA: 8.0/10.0