

VIRIGINENI NAVEEN

Software Engineer | Data Structures | Algorithms | Java | Python | Web Development

📞 8978710664 @ naveenvitap@gmail.com 🔗 LinkedIn: [Virigineni-Naveen](#) 📍 Kurnool, Andhra Pradesh, India

SUMMARY

I am a Software Engineer with expertise in Data Structures, Algorithms, and Object-Oriented Design, proficient in Java and Python. My experience includes building and testing applications, and I have showcased strong problem-solving abilities through various challenges. I aim to leverage my coding and design skills in an entry-level position to contribute to the development of efficient systems

EXPERIENCE

Software Developer

DEXPLOVATE

📅 08/2025 - 01/1970 📍 Amaravati, India

Software development company

- Engineered and launched the company's primary customer-facing website, implementing features that led to 35% increase in user engagement and a 20% growth in new customer acquisition within the first quarter post-launch
- Designed a proprietary, secure authentication system using JWT, OAuth 2.0 and Bcrypt hashing to eliminate reliance on third-party services and remove all associated annual costs.
- Lead a diverse team of 4 developers, fostering collaboration and ensuring productivity
- Enhanced and implemented an access-based token system, reducing login time from 2 minutes to 5 seconds

EDUCATION

BTECH in Computer science and engineering

VELLORE INSTITUTE OF TECHNOLOGY

📅 08/2021 - 05/2025 📍 Amaravati, India

MPC

BHASHYAM INTERMEDIATE COLLAGE

📅 07/2018 - 04/2020 📍 Guntur, India

High School

BHASHYAM HIGH SCHOOL

📅 06/2017 - 06/2018 📍 Kurnool, India

SKILLS

Data Structures	Django	Docker	Git	GitHub	Java
Java Spring	JavaScript	JWT	Linux	OAuth	
Object-Oriented Design		PostgreSQL	Python	React	
React Native	REST	SpringBoot	SSO	TypeScript	
RESTful API	Node.js	Express.js	Gmail		

KEY ACHIEVEMENTS



Website Feature Implementation

Launched features boosting user engagement by 35% and new acquisitions by 20% in Q1.



Cost Reduction Achievement

Cut annual operational costs by 100% with custom authentication system.



Token System Optimization

Reduced login time from 2 minutes to 5 seconds with token system upgrade.



Leadership Excellence

Led a diverse team increasing productivity for four developers.

STRENGTHS



Algorithmic Problem-Solving

Systematically solved over 300+ challenges on [LeetCode](#), developing a strong command of key Data Structures (Arrays, Trees, Graphs, Hash Maps) and Algorithms (Dynamic programming, BFS, DFS, Sorting). Consistently focused on optimizing solutions for both time and space complexity



Rapid Technical Acumen

Proven ability to quickly master and apply new technologies and frameworks to solve complex problems, as demonstrated by learning Bcrypt hashing and JWT for secure authentication and validation in 1 week for the Full stack secure authentication service project

PROJECTS

FULL STACK SECURE AUTHENTICATION SERVICE

📅 08/2025 - 01/1970

Full stack user authentication service

- Architected and expanded a robust, full stack user authentication service from the ground up, providing a secure and seamless user access flow for modern web applications
- Managed a dual authentication system supporting both traditional email/password registration (secured with Bcrypt hashing) and streamlined social login experience via Google OAuth 2.0 protocol
- Improved a secure RESTful API using Node.js and Express.js, featuring protected endpoints for user management session validation
- Integrated JWT-based single sign-on (SSO) across five international tools, simplifying access management and reducing administrative overhead by 20 hours per week for IT staff
- Constructed a responsive and interactive user interface with React (Vite), providing clear registration and login pathways for end-users