

# PRAVEEN KUMAR S

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Github

## EDUCATION

Prathyusha Engineering College

B.Tech Information Technology - **CGPA - 8.2**

2021 – 2025

Tiruvallur, TamilNadu

## PROJECTS

**3D Portfolio Website** — React, Three.js, Blender

August 2024

- Developed a visually engaging portfolio website leveraging Three.js for interactive 3D graphics and animations.
- Created and rigged 3D models using Blender to integrate them seamlessly into the portfolio.
- Implemented animations and user interactions to showcase skills and projects interactively.
- Optimized performance to ensure smooth rendering of 3D content across devices.
- Currently working on deployment; will be hosted soon.

**PathFinding Visualizer** ↗ | React, TypeScript, Tailwind

August 2024

- Built a web-based visualizer to demonstrate pathfinding algorithms like Dijkstra's, A\*, BFS, and DFS.
- Enabled users to create custom mazes and watch algorithms solve them in real-time.
- Designed an intuitive interface using React and styled it with Tailwind for user-friendly interaction.
- Focused on performance optimization to ensure smooth visualization and responsiveness.

## EXPERIENCE

Ivision Technologies

June 2024 – July 2024

*Cloud Computing Intern*

Chennai, India

- Acquired expertise in 20+ AWS services, including EC2, S3, VPC, RDS, and Lambda, enabling the deployment of 5+ scalable solutions.
- Implemented IAM policies to improve access control, reducing unauthorized access risks by 30%.
- Managed and monitored over 30 AWS resources, reducing setup and operational overhead by 25% through efficient configurations.

Bharat Sanchar Nigam Limited (BSNL)

July 2023

*Data Networking Intern*

Chennai, India

- Contributed to the setup and optimization of 10+ network devices, including routers, switches, and firewalls, to enhance connectivity.
- Partnered with the technical team to achieve a 15% improvement in network performance by optimizing data transmission protocols.
- Applied knowledge of network protocols and IP addressing to support 5+ real-time troubleshooting scenarios, ensuring seamless operations.

## SKILLS

**Languages:** Python, Java, C, C++, JavaScript, SQL, TypeScript

**Developer Tools:** VS Code, Git, GitHub, Postman, Figma, Canva, Google Cloud, Blender

**Technologies:** Linux, HTML5, CSS3, ReactJS, NodeJS, ExpressJS, MongoDB

## EXTRACURRICULAR

Google Developer Student Clubs ↗

- Engaged in hands-on tasks on Google Cloud through GDSC challenges and workshops.
- Gained practical experience in cloud computing, utilizing services such as Google Compute Engine, Cloud Storage, and BigQuery.
- Demonstrated ability to apply cloud solutions to real-world problems while collaborating with peers and contributing to the GDSC community.
- Participation Certificate. ↗