

MOHAMMED NAYEEM

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EDUCATION

Chennai Institute Of Technology
B.E Computer Science And Engineering

June 2026
CGPA 8.91

EXPERIENCE

Aiverex Innovations - Full Stack Developer Intern

May 2024 — Aug 2024

- Worked closely with the AIVEREX INNOVATIONS team to gather and understand the KPIs and the process analysis of the project.
- Developed a scalable full-stack web application using React for the frontend and Firebase for the backend as part of an NDA project.
- Improved the website's SEO and performance by following best practices, achieving scores of 90 and 96 according to Lighthouse.

Open Source Contributions — Bayzcrypt

Sep 2024 — Nov 2024

- Contributed 400 lines of code to an open-source project focused on facilitating crypto transfers and decentralized network.
- Focused on the frontend development of the project, utilizing React and the Bootstrap along with design tools like Figma.
- Worked on backend aspect of the project, used postgres sql database for handling user informations and user accounts.

PROJECTS

Gamified Platform to Learn Legal Rights [Nextjs, Postgresql, Supabase, Typescript, Expressjs]

- Contributed to a project aimed at increasing interactivity and engagement of kids towards legal rights and legal education.
- Integrated small games, animated modules, GENAI to generate quizzes based on user's performances and reviews received.
- Designed and implemented dedicated modules for different age groups, ensuring each module tailored to their learning needs.

Top-Down Game [C, C++, OpenGL, SFML, ImGui]

- Developed a 2d top-down game using C, C++ and OpenGL, leveraging SFML for window management and input handling.
- Designed a time travel based story line where the player explore different timelines to uncover the mystery of the missing character.

URL Shortener [Go, Gin, Redis, Docker, REST API]

- Developed a scalable URL shortening service using Golang and the Gin web framework, offering clean and minimal RESTful endpoints.
- Implemented Redis to store and retrieve original URLs and their corresponding shortened keys efficiently.
- Containerized the application using Docker for consistent development and deployment across environments.

Nebula - npm package to accelerate backend development setup [Nodejs, Javascript]

- Developed an npm package that provides pre-built backend templates, streamlining development for various tech stacks.
- Designed the package to support multiple database options, including PostgreSQL, MongoDB, Redis and lang such as Js, Ts, Flask.
- Guaranteed seamless integration and enhanced adaptability of boilerplate code to meet diverse project requirements.

Collaborative Whiteboard [React, Typescript, Postgres, Expressjs]

- Developed a collaborative whiteboard application that enables users to work together virtually, share ideas, and engage in real-time.
- Implemented features that allow users to insert text and images, as well as customize their experience by using their preferred fonts.

SKILLS

Programming Languages:	C C++ Python Java Javascript Typescript HTML CSS GLSL Golang
Development Tools:	Git/Github Docker Bash Linux Neovim Tmux Postman.
Frameworks and APIs:	React Node.js Next.js Flask Express.js Bootstrap Tailwind CSS SFML OpenGL.
Database & Infrastructure:	Postgres Supabase Firebase MongoDB Amazon AWS.
Language Proficiency:	English Tamil Hindi Urdu Bengali Japanese.

COMPETITIVE PROGRAMMING

Leetcode[MohammedNayeem][Knight] Max Rating of 1974, Among 3.2% coder on leetcode, 800+ problems solved.
Codechef:[nayeem525] Max Rating of 1676, 3-star coder on codechef, Global rank of 11000 and country rank of 10k.
Codeforces:[nayeem525] Max Rating of 1192, 200+ problems solved on codeforces.

ACHIEVEMENTS

Intel One Api FinalistRepresented my team at Intel One Api Final conducted at Shasstra University among 400 participants.[Feb 2024]
Revamp Hackathon WinnersTook part in Revamp-Academy Hackathon and won first place among 500 participants. [Mar 2024]
BITS Pilani Hackathon WinnersMy team and I participated in the BITS pilani hackathon and became a part of top 10 winners.[Dec 2023]
Top 900 rank in TCS codevita 2024 final round among 10,000 participants in the final round of the competitions. [Jan 2024]

CERTIFICATIONS

NPTEL-Ethical Hacking course[Aug 2023] | **JLPT N5 level** [Dec 2023] | **Google cloud GENAI Study Jam Certifications** | **CISCO CCNA - Intro To Networking** | **CISCO CCNA - Intro To Cybersecurity**