Nikhil Pathania

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Work Experience

Software Engineer Intern   *July 2023 – May 2024*
Nokia Solutions and Networks   Gurugram, Haryana
— Worked on Rule Engine and Customization project.
— Initially analyzed complexity issues at backend via various contexts and rules.
— Performed profiling on complex functions using jaeger (profiling tool)
— Implemented new rules and functionalities using java.
— Customized complex functions resulting in performance improvement by ~30%.

Education

Chandigarh University   *Jun 2024*
Bachelor of Engineering in Computer Science Engineering - CGPA: 8.46/10   Punjab, India
Coursework: Data Structures and Algorithms ,Object Oriented Programming, Databases, Web development.

Dav Public School Alampur (CBSE)   HP, India
Intermediate (12th) – Score: 89.8%   *May 2019*
Matriculation (10th) – CGPA :10/10   *May 2017*

Projects

ConvoHub *(Ongoing)*
— Engineered a real-time chat application, featuring instant end-to-end messaging capabilities.
— Implemented group chat functionality, allowing users to create groups for seamless multi-user communication.
— Integrated multimedia support, enabling users to send emojis, attachment files, images and videos, enhancing the richness of interaction.
— Built various components including profile setup and customization, along with login, signup, logout functionality.

Chatsphere / *Github*
— Full stack web application based on MERN stack.
— User can register, login, post images, like-dislike images of other registered users.
— Specific profile page and settings for particular registered user.
— Available with light and dark mode.

Mini Spotify Clone / *Github*
— Based on HTML, CSS and java script
— Can play songs, pause it , seek forward and backward feature is also there.

Achievements

— Solved over 500+ problems across various coding platforms like LeetCode, Geeks For Geeks .
— Achieved rarely given A+ grade and topped CSE branch (5th semester).
— Certification from Internshala (ReactJS)

Skills

Languages: C++, Java, Python, SQL ,JavaScript.
Frameworks: ReactJS, NodeJS, ExperssJS
Databases: MongoDB, MySQL
DevOps: Docker, Git, Github, Linux

Extra Co-curricular

— Certified National Service Scheme (NSS) volunteer
— National Scouts and Guide