AKHIL TULURI

📞 +91 9666440579 ✉ akhiltuluri123@gmail.com 🔗 Linkedin ⚙ github ✉ akhiltuluri.site

Education

National Institute of Technology, Srinagar	**Sept 2022**
Bachelor of Technology in Computer Science	*Srinagar, Jammu and Kashmir*
Sasi New Gen Junior College	**July 2020 – Aug 2022**
M.P.C. , 91%	*Vellivennu, Andhra pradesh*

Relevant Coursework

- Data Structures & Algorithms
- Database Management
- OS & CN
- Artificial Intelligence
- OOPS
- Software Engineering
- Web Technologies

Experience

Ardent Software Pvt. Ltd.	**Dec 2024 – Feb 2025**
Frontend Developer Intern	*Kolkata, India*

- Trained in Full Stack Development (MERN stack) as part of a 10-week internship program.
- Developed a user authentication system supporting registration, login, and role-based access for 100+ mock users using React.js and Node.js
- Reduced page reloads and enhanced UI responsiveness by 30% by implementing client-side validation and optimized API handling
- Gained hands-on experience in React components, REST APIs, Express routing, and MongoDB integration.

Projects

MetaMeet | *React, Three.js, Node,Socket.io,MongoDB*　　　　　　LIVE ⚙ **January 2025**

- Developed MetaMeet, a real-time 3D virtual collaboration platform using React, Three.js, and Socket.iO, enabling users to interact via avatars in immersive zones like classrooms and meeting rooms..
- Implemented live user movement sync, chat, and video communication using Socket.IO and WebRTC, delivering a seamless metaverse-like experience.
- Designed scalable backend APIs with Node.js and MongoDB to manage rooms, sessions, and users, and deployed the full-stack platform at metameet.digital.

YouTube Summarizer | *JavaScript, Chrome Extensions API, Node.js,Express,TextRank,API*　　⚙ **MAY 2024**

- Built a Chrome Extension that extracts YouTube transcripts and summarizes content using offline NLP.
- Implemented intelligent ad-skipping and distraction-free mode, dynamically identifying and bypassing YouTube ads and clutter to optimize user focus and experience.
- Enabled one-click PDF/DOCS export of summaries, summarization toggles, and seamless backend communication via Node.js and Express.

AskMe CLI – AI Assistant | *Java,Shell Bash,CLI & packaging,Java Regex*　　⚙ **October 2024**

- Developed AskMe CLI, a cross-platform AI assistant that processes natural language commands in a REPL-style terminal interface.
- Implemented custom NLP logic to map user prompts to system actions like file operations, internet checks, and smart downloads (PDFs, YouTube, etc).
- Packaged as a global .jar CLI tool and support for Windows, Linux, and macOS.

Technical Skills

Languages: Java, C++, HTML/CSS, JavaScript, SQL
Developer Tools & Platforms:Git, GitHub, VS Code, Postman, ,Render, Chrome Developer Tools
Technologies/Frameworks: React, Node.js,Express.js,Socket.Io, Jest, RESTfull APIs

Achievements

- Qualified for NTSE Stage 1 (State Level).
- Mastered 50+ Patterns (Two Pointers, Sliding Window, Binary Search, DFS/BFS, Greedy, Prefix Sum).
- Semi-finalist in chess competition in JUNIOR CHESSCOMP-2018.