ARVIND SINGH

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PROFILE SUMMARY

Full-Stack MERN Developer with hands-on experience building scalable web applications, mobile apps, and cloud-deployed systems. Strong in API integration, real-time features, and cross-platform development.

EDUCATION

CT Institute of Technology & Research, Jalandhar   *2022-2026*
B.Tech in Computer Science & Engineering   **CGPA: 8**

EXPERIENCE

Trainee – Frontend Developer | ThinkNEXT Technologies Pvt. Ltd.   *Jun 2024 – Jul 2024*
- Completed structured **React.js training**, strengthening fundamentals in JSX, routing, & reusable components.
- Built mini-projects simulating industry workflows and improved practical problem-solving skills.

PROJECTS

DevConnect – Developer Networking Platform | MERN Stack, AWS EC2, Socket.io, Nginx   **LIVE-LINK**
- Deployed live app on AWS serving users with profile management and developer connections
- Built real-time chat using WebSockets for instant messaging between developers
- Integrated email notifications and automated background tasks

PrepLock – Multi-Platform Productivity App |MERN Stack, React Native, Gemini API   **LINK**
- Built app with **Chrome Extension, Website, & Mobile app** that blocks distractions until tasks are done
- Added AI features: auto-generate flashcards, create study roadmaps, AI mentor chatbot, and study planner
- Synchronized data across all platforms with secure JWT authentication and real-time updates

WiseMate – AI Learning Assistant |MERN Stack, Gemini API, Mermaid.js, Cloudinary   **LINK**
- Created AI platform with 5 tools: diagram maker, study planner, code reviewer, career roadmaps &chatbot
- Built smart diagram generator that creates visuals from text descriptions with export options
- Made code reviewer that checks JavaScript, Python, Java, and React code for errors and improvements

Spotify Clone with Admin Panel | MERN, Cloudinary, Vercel   **LINK**
- Built full-stack music platform with admin dashboard for album/song management via Cloudinary
- Implemented CRUD operations, user authentication, and playlist features with responsive design

TaskMaster – Todo List with Analytics | React Native   **LINK**
- Built **Mobile App** with todo management, notes, and analytics dashboard tracking daily/weekly task trends
- Implemented offline-first architecture with asyncstorage in reactnative.

SKILLS

Languages: JavaScript (ES6+), Python, C++, HTML5, CSS3
Frontend: React.js, React Router, Tailwind CSS, Responsive Design, DOM Manipulation
Backend & DB: Node.js, Express.js, MongoDB, MySQL
Mobile: React Native, Cross-Platform Development   **Cloud**: AWS (EC2, SES), Nginx, Git, GitHub, PM2
Tools: VS Code, Postman, Android Studio, MongoDB Compass, Expo
Other: API Integration, Debugging, Team Collaboration, Adaptability

ACHIEVEMENTS

- **Top 15 Finalist, DevCreate BuildFest 1**.0 Hackathon (**GDG Jalandhar**) – Ranked among top 15 out of 115 teams in 30-hour AI-focused hackathon sponsored by **Google Developer Groups**
- **Top 10 Finalist**, Next Quantum 2.0 Hackathon (GGI) –AI Learning Platform with multi-feature AI integration
- **PSB Hackathon-** Developed mobile learning assistant with real-time collaborative features
- **Appreciation Award,** Web Mania 2025 (Lyallpur Khalsa College) – Recognized for innovative frontend logic & implementation