

# Dilpreet Singh Grover

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## Experience

### Meved HR Solutions (HR Consultancy) | Software Developer Intern

February 2024 - May 2024

- Engineered the foundational architecture, achieving a **20% improvement** in **system efficiency** and **reducing operational expenses** by **15%**.
- Optimized client software with our **server** infrastructure, **minimizing downtime** to less than 5 minutes **during peak hours**, thus **ensuring uninterrupted service** and **enhancing user satisfaction by 25%**.
- Leveraged a **technology stack** to manage over **500 simultaneous users**, demonstrating **exceptional scalability and reliability**, **enhancing user experiences** and **operational efficiency**.

### SimplifyNote (Chrome Ext. SaaS) | Full-Stack Developer Intern

July 2023 - September 2023

- Spearheaded the **redesign** of the **landing page**, adopting a **contemporary design approach** that **boosted user engagement** by **30%**, contributing to a **more intuitive user experience**.
- Architected a **speech-to-text functionality**, powered by **voice commands**, greatly improving the product's **accessibility and usability**, resulting in a **20% surge** in **daily active users**.
- Orchestrated the **integration of Payment Gateways** in production, establishing a **streamlined payment processing system** that **facilitated a 15% increase** in **monthly recurring revenue**.

## Education

7.93/10.0 **BTech. Computer Engineering**, JC Bose University of Science and Technology, YMCA, Faridabad May 2025  
82.8% **Class 12th**, Siddharta Public School, Delhi April 2021

## Projects

### Aarchid (Individual Level Flora Monitoring System) | [Link](#) | [Github](#)

Feb 2024

- Transformed Google's Gemini Pro models to **enhance plant care assistance**, improving **accuracy** in **vision and text analysis** by **40%** over **traditional means**.
- Streamlined task management, **mobilized lifecycle tracking** precision by **40%**, **improved health monitoring & detection rate** by 50%, and **fine-tuned AI-powered chat support** responsiveness & accuracy by 25%.
- Enhanced project scope to drive **daily active user engagement** by **20%**, and achieved significant milestones including **50+ DAU** and a **10% boost in app usage frequency**, leveraging industrial-grade technologies.

### OneMed (Personal Medical Repository) | [Link](#) | [Github](#)

June 2023

- Accelerated medical record **accessibility** and introduced personalized **storage**, reducing record **retrieval time** by **20%** and **enhancing patient privacy** by **30%**.
- Pioneered advanced **systematic record arrangement**, **issue-specific sharing**, and **family member records** optimizing and **boosting user satisfaction** by **30%**.
- Technologies: Typescript, React.js (Vite Bundler), Nodemon, Express.js, MongoDB, Mongoose, Tailwind CSS, ShadCN UI, Firebase, Cloudinary, Multer, Recoil.

### Hackmate (Technical Community-Based Application) | [Github](#)

April 2023

- Innovated a **platform** for **collaborative learning and innovation** during **hackathons**, engaging a **40% larger technical community** and **boosting project outcomes & collaborations** by **20%**.
- Strategized advanced **domain categorization** and a **personalized location-based suggestion system**, coupled with **in-app messaging**, **enhancing user engagement** by **30%** and **streamlining event discovery** by **40%**.
- Technologies: Javascript, React.js (Vite Bundler), Express, Node.js, MongoDB, Firebase, Socket.io, Google Maps API, and Figma

## Overview

- **Programming Languages** : C | C++ | JavaScript | TypeScript | Python | Java | Rust | Golang
- **Technologies**: Express.js | Node.js | Flask | Mongodb | PostgreSQL | MySQL | Redis | React.js | React Native | Next.js | AWS | Google Cloud Platform | Docker | Kubernetes | Linux
- **Certifications** : Web Development Bootcamp | Mastering Data Structures and Algorithms | Blockchain and its Applications| Beginner to Advance C++ | 100xDevs 1-100 Cohort |
- **Skills** : System Design | Software Development | Open Source | DevOps | UI/UX | AI/ML/DL | BlockChain | Research Work | Data Structures and Algorithms
- **Achievements & Extracurricular**: Top 150 Teams Globally in Google's Solution Challenge, Top 10 Selected for Smart India Hackathon at the university level, Contributed to 15+ Open Source Projects making 10,000+ changes, Founder of Self Operated Github Organisation (Fada Club), Student Coordinator for Training and Placement Cell, Student Ambassador for GeeksforGeeks, Digital Team Head in Music Society, Member of Debating, Designing, & Photography Society.