Vinay Khanagavi

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EDUCATION

KLE Technological University, Belgaum · **Aug 2022 - May 2024**
Bachelor of Engineering, Computer Science and Engineering · *GPA: 7.78/10*

Motichand Lengade Bharatesh Polytechnic · **Jan 2019 – dec 2021**
Diploma, Computer Science and Engineering - Operating Systems, Computer Networks, Data Structures · *Percentage: 83/100*

WORK EXPERIENCE

NeedFit Agency | Freelancer · **Jun 2024 - Present**
Flutter, Android studio, React Native, Tailwind CSS, JavaScript, Figma, Firebase, Git, GitHub · *Belgaum, India*
- Designed and developed customized software solutions for academic and industrial clients.
- Worked with design and backend teams to enhance interfaces using Figma, incorporating a user **feedback loop**, which boosted engagement by **37%** and reduced bounce rates by **14%**.

OnCash | Software Developer · **Jun 2024 - Present**
Android studio, Kotlin, XML, Figma, Supabase, Git, GitHub, Google analytics · *Belgaum, India*
- Developed a referral app that helps users earn rewards for completing simple tasks like installing apps.
- Worked on both the frontend and backend of the application using Android Studio and Supabase as the database.
- Integrated Google Analytics for tracking user engagement and app performance.
- Achieved a user base of over **50+ users** with a total **profit of 20,000.**

Positron Engineering Corporation | MSME Participant · **Dec 2023 - Mar 2024**
Industry-Academia Collaboration Project · *Belgaum, India*
Flutter Development, Python server, demo
- Automated the steel sheet cutting process, reducing manual labor and scrap generation.
- Created a real-time web interface for seamless integration into the production workflow.
- Decreased production lead times and labor hours through efficient utilization of steel sheets.

PROJECTS EXPERIENCE

CyberFit | *Flutter, Python Server, Large Language Model (LLM), Chatbot, Resources | Hackathon Project |* **Github** | **Live**
- Implemented engaging game mechanics, quizzes, and rewards, along with a chatbot assistant and a comprehensive resource library. Integrated a **fine-tuned LLM** for real-time assistance and personalized guidance.
- Secured **3rd place** out of 250+ teams at the **HackToFuture 2024 hackathon.**

Career Compass | *HTML, CSS, MySQL, PHP, Express-file upload, Nodemailer |* **Github** | **Live**
- Implemented a career quiz feature that assesses user skills and interests, providing personalized career options and recommended resources for each path.
- Integrated a comprehensive career resource database, including relevant articles, courses, and job postings, to support users in exploring and developing their chosen career paths.

Accomplishments

- **EG India AI Innovation Hackathon 2k24:** Secured **4th place** out of 200+ teams at the **AI Innovation Hackathon**, organized in collaboration with EG and InUnity. - Overview

- **Back to Future 2k24:** Secured **3rd place** out of 250+ teams with **"CyberFit: Gamifying Cybersecurity Awareness"**. The project used simulations, challenges, and rewards to educate users on cybersecurity risks and mitigation strategies.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML, CSS

Tools & Frameworks: React.js, Git, Github, Node, Firebase, MongoDB, Figma, Docker, AWS, Flutter, Android Studio