

# Varchasva Khare

Varanasi, Uttar Pradesh

+91 80811 31673 | [vk.varchasva@gmail.com](mailto:vk.varchasva@gmail.com) | [linkedin.com/in/varchasva](https://www.linkedin.com/in/varchasva) | [Portfolio](#)

## Profile Summary

- Drove user engagement by architecting and deploying compelling, interactive web applications using three.js and WebGL for 3D experiences, paired with Tailwind for responsive, accessible UI.
- Accelerated product delivery by leveraging expert full-stack proficiency in Python, Spring Boot, and Node.js for scalable backend architecture, and React.js for dynamic user interfaces, optimizing development cycle.
- Successfully diagnosed and resolved complex technical issues across the full stack, enhancing application reliability and performance.

## Relevant Coursework

- Data Structures
- Operating Systems
- Web Development
- User Experience
- Database Management
- Computer Networks
- Object Oriented Programming
- Interactive Design

## Projects

**VeriScanX - News Authenticity Predictor** | *Python, Flask, scikit-learn, NLTK, Tailwind, JavaScript* | [Live Dashboard](#) **Mar 2025**

- Developed a real-time, machine learning-powered web application for fake news detection, utilizing a PassiveAggressiveClassifier with TF-IDF for intelligent content classification and analysis.

**Police Agent Discord Bot** | *Python, Discord.py, JSON, Regex* | [Github Repository](#) **Jan 2023**

- Developed a high-availability Discord moderation bot featuring real-time rule monitoring, a comprehensive logging system, and a custom image-based CAPTCHA to secure and manage public servers.

**Prime Properties** | *React, Spring Boot, Java, PostgreSQL, Docker, Tailwind CSS* | [Live Dashboard](#) **Dec 2023**

- Developed a scalable full-stack real estate platform (React/Spring Boot) featuring role-based access, JWT authentication, and advanced search functionality for secure property management.

## Technical Skills

**Languages:** Javascript, Python, SQL, Java, Typescript, HTML5, CSS3, GraphQL, C++, Bash

**Frameworks:** React.js, Node.js, Spring Boot, Three.js, Tailwind CSS, Express.js, Tensorflow, WebGL

**Developer Tools:** Git, Docker, MySQL/PostgreSQL, AWS, VS Code, JWT, Railway/Heroku, NPM/Yarn, Figma

## Education

**Vellore Institute of Technology**

*B.Tech in Computer Science & Engineering*

**Sept 2022 - Feb 2026**

*CGPA: 6.3*

## Extracurriculars / Certifications

**Intro to AR/VR/MR/XR: Technologies, Applications & Issues (with Honors)**

An online non-credit course authorized by University of Michigan and offered through Coursera

**Dec 2023**

**Cybersecurity Virtual Experience Program**

An online course authorized by MasterCard and offered through Forage

**Mar 2023**

**Cybersecurity Management**

An online non-credit course authorized by ANZ and offered through Forage

**Mar 2023**

**Blockchain for Business**

An online course offered by 365 Data Science

**Nov 2023**