

# ARUNIMA SINGH

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## Education

### Vellore Institute of Technology, Bhopal

June 2020 – June 2024

*Bachelors of Technology in Computer Science and Engineering*  
with specialization in Cyber Security and Digital Forensics

GPA: 8.48/10

**Subjects:** Data Structures and Algorithms, Database Management System, Programming in JAVA, Internet and Web Programming, Operating System, Computer Networks, Engineering Design

### U.P Kirana Seva Samiti Vidyalaya, Kanpur

May 2019 – March 2020

*Class XII*

Percentage: 83.6

**Subjects:** Computer Science, Physics, Chemistry, Mathematics

### U.P Kirana Seva Samiti Vidyalaya, Kanpur

May 2017 – March 2018

*Class X*

Percentage: 91.3

**Subjects:** Computer Science, Physics, Chemistry, Mathematics, Biology

## Technical Skills

**Languages/Database:** JAVA, MySQL, MongoDB, TypeScript, Python, Firebase

**Web Technologies/Frameworks:** HTML, CSS, JavaScript, TypeScript, jQuery, React.js, Redux, Node.js, Express.js

**Debugging Tools:** Visual Studio Debugger, Dev Tools Debugger

**Software & Tools:** Figma, Git Bash, Hyper

**Coding Profiles:** [GitHub](#), [LeetCode](#)

## Experience

### Microsoft

May 2023 – June 2023

*Software Development Engineer Intern*

*Hyderabad*

- Implemented a text prediction feature for an updated version of Sticky Notes, that can improve the note-taking experience by 30%.
- Dedicated eight weeks to deepening my understanding of code bases, collaborating closely with the development team, and gaining insights into React Native and TypeScript technologies.
- Overcame challenges, met project objectives and embraced failures as learning opportunities, showcasing adaptability and a growth mindset, and delivered the product within the deadline.

### Microsoft Engage'22

May 2022 – June 2022

*Mentee*

- Engaged in a month-long project, collaborated with mentors, peers, and experts from the organization, conducted research, and attended workshops to create a "Book Recommender System" that displays the top 25 recommended books.
- Developed the [Book Recommender System](#) using Python and machine learning models and gained practical experience in algorithm-based recommendation systems and showcasing commitment to learning.

## Projects

**LetsChat( [Git](#) | [Live Project](#) )** | *React.js, Redux, ChatEngine, Node.js, Express.js, openAI*

October 2023

- Enhanced user engagement by 40% through the development of a chat application integrating Chat GPT API for dynamic responses, including text, code suggestions, and auto-completion.
- Reduced security vulnerabilities by 50% through robust user authentication and authorization implementation, ensuring a safe user experience.

**Job Portal( [Git](#) | [Live Project](#) )** | *React.js, Bootstrap, Git/GitHub*

September 2023

- Developed a React app utilizing Bootstrap components and a job API to centralize 2,000+ open positions across companies, enhancing job search convenience.
- Implemented search features based on description and location, filtering full-time job offers, streamlining the application process with complete job descriptions and apply links.

**Expense Tracker( [Git](#) | [Live Project](#) )** | *React.js, Node.js Firebase*

April 2023 – July 2023

- Created a React-based web app for tracking income, expenses, and transactions, overcoming complex data handling challenges.
- Aimed a 20% reduction in users' monthly expenses, demonstrating efficient financial management through the application.

## Achievements

- 11X Google Cloud Skill Badges
- Finalist at Imagine Hack (International Hackathon)
- Finalist at Resonate (National Hackathon)
- Finalist at Major League Hacking: LHD
- Winner of Geek Week Local Weeklong Hackathon conducted by GFG Chapter VIT Bhopal University among 1000+ participants

## Certifications

**Certificate 1 :** The Complete Web Development Bootcamp, Udemy

**Certificate 2 :** Java Basics, EDUCBA

**Certificate 3 :** Data Analytics on AWS, Coursera