

# Vinay Kumar

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## Summary

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I specialize in developing Web Applications and APIs with expertise in technology like React, Node, Python and Golang. My passion for technology drives me to continually explore and innovate in the field.

## Education

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<b>Bachelors of Computer Application</b> GGSIU, New Delhi	JUNE 2024 CGPA: 8.2/10
<b>CBSE High School</b> ST. JOHNS ACADEMY	JULY 2021 GPA: $\frac{3}{4}$

## Certifications

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CS50'S Intro to Computer Science – Harvard Open Courseware	Aug 22- Jan 23
Computer Graphics – IIT Guwahati	July 22- Sept 22

## SKILLS

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**Languages:** Typescript, Python, Golang, C  
**Framework:** React, Django, Flask, Fast Api, Hono.  
**Database:** SQLite, PostgreSQL.  
**Operating System:** Linux (Debian, OpenSUSE).  
**Tools:** Neovim, Docker, Git.  
**Human Languages:** English (Fluent), Hindi (Native).

## PROFESSIONAL EXPERIENCE

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<b>Intern trainee</b> <b>IBOTIX</b> <ul style="list-style-type: none"><li>Developed automation tools to gather data from various sources and seamlessly integrate it into spreadsheets.</li><li>Implemented query optimization strategies to enhance database efficiency improving its integrity.</li><li>Gained hands-on experience in the complete software development lifecycle.</li></ul>	July 23 – Sept 23 New Delhi
<b>Development Lead</b> <b>Enigma IT Club</b> <ul style="list-style-type: none"><li>Created official site for registration purpose to take participation in various events.</li><li>Used optimization techniques like lazy loading and made it significantly fast for smoother experience.</li><li>Gained leadership skills by leading a team of 5.</li></ul>	Aug 23- July 24 New Delhi

## PROJECT EXPERIENCE

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<b>Social Media Application</b> (Flask, Jinja2, Bootstrap, SQLite, HTMX) <ul style="list-style-type: none"><li>Developed a full stack web application (in group of 3).</li><li>A full-fledged social media application so users could connect on their shared interest in music.</li><li>Used HTMX for AJAX requests to avoid full page reloads on every request.</li></ul>	Oct 23 - June 24
<b>Expense Tracker App</b> <ul style="list-style-type: none"><li>Built with scalable techstack React, Bun, Hono, Tanstack and zod validator.</li><li>Clear separation of concern between frontend and backend which can be deployed on either vps or even independently.</li><li>Fully typesafe and uses rpc to infer types from backend to frontend.</li></ul>	