

Aditya Pal

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Education

Indian Institute of Information Technology Sricity Chittoor , BTech in Computer Science	Nov 2022 – May 2026
<ul style="list-style-type: none">CGPA: 7.65/10Coursework: Basics of Computing, Data Structures, AI, Computer and Network Architecture, RDBMS	
Subhash International School Gaya , Intermediate in Mathematics	2020 – 2022
<ul style="list-style-type: none">Grade: 86%	
Creane Memorial High School Gaya , 10th	start - 2020
<ul style="list-style-type: none">Grade: 96%	

Skills

- Languages:** Java, C, Python, JavaScript, Kotlin
- Web Development:** HTML, CSS, REST API, PHP, AJAX, Servlets, React.js, SpringBoot
- App Development:** Android
- Database Management:** MySQL, MongoDB, Prisma
- Version Control:** Git

Experience

Engineer Trainee , Capgemini – Bengaluru, India	June 2024 – July 2024
<ul style="list-style-type: none">Developed and integrated scalable backend modules based on client requirements; this effort enhanced overall application performance, contributing to faster feature deployment timelines by at least two weeks	
Java Trainee , 1Stop.ai – Remote	May 2024 – June 2024
<ul style="list-style-type: none">Engineered an Employee Management Website using JSP with Maven and Spring Boot backend as training.	
Mentor , Sathee – Remote	Apr 2023 – Present
<ul style="list-style-type: none">Sathee is an initiative by IIT Kanpur to give quality education to needy students all over India. Over 70+ hours of teaching experience.	

Projects

Messaging React App	CODE / VISIT	Jun 2024
<i>React.js, Node.js, MongoDB</i>		
<ul style="list-style-type: none">Developed a real-time messaging app using React.js, handling over 500 concurrent users with minimal latency.Integrated MongoDB for efficient data storage, enabling swift retrieval of chat histories, reducing query time by 30%.		
Vubble Code Hub 8	CODE / VISIT	Ongoing
<i>MongoDB, Node.js, React.js, Express.js, Docker</i>		
<ul style="list-style-type: none">A Cloud IDE which allows seamlessly coding at a high speed server instance by docker.Reduces the load of installing compilers locally on system, one can do all projects online, with all folder structures and operations.		
Wishlist App	GITHUB	Jan 2024
<i>Kotlin, DAO</i>		
<ul style="list-style-type: none">Engineered a Wishlist App utilizing Kotlin, incorporating the Data Access Object (DAO) pattern to streamline data management and improve application efficiency by reducing retrieval times from 2 seconds to under 500 milliseconds.		
Text Sentiment Analysis by Majority	GITHUB	Dec 2024
<i>Python, Keras, Tensorflow</i>		
<ul style="list-style-type: none">A bounty-based model where multiple models analyze a given text sentiment, and the most frequent (mode) result is returned as the final sentiment.		

Additional Experience and Awards

- Achieved 5th place in Global Game Jam 2023, competing against 100+ teams.
- Selected for Smart India Hackathon (SIH) 2024.
- Anchored CyberTEA Workshop at IIIT Sri City, leading discussions on cybersecurity research.
- Organized Global Game Jam 2024 & 2025, managing 400+ participants and securing sponsorships.
- Mentored 80+ students in Kotlin Compose Camp, providing hands-on guidance on Android development.
- Held key academic positions: GDG Management Lead, IOTA Android Lead (2024), GDSC Core (2023), IOTA PR Core (2023), Nirvana Management Lead (2023-2024).