

# VEMULAMANDA LALITH VARMA

+91-9566014438 | [lalith.vemula@gmail.com](mailto:lalith.vemula@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Graduate in engineering with practical experience developing fullstack applications, mobile solutions, and AI-driven tools using modern web technologies. Skilled in end-to-end development and cloud deployment, and actively seeking software engineering and developer roles to build scalable, impactful systems.

## EDUCATION

<b>B V Raju Institute of Technology</b> <i>Computer Science and Engineering, Bachelor of Technology</i>	Nov. 2022 – Jun. 2026 GPA: 8.40/10
<b>Delhi Public School</b> <i>MPC, 12th</i>	Jun. 2020 – May 2022 Percentage: 71.2%
<b>GT Aloha Vidhya Mandir</b> <i>SSC, 10th</i>	Jun. 2015 – May 2020 Percentage: 93.4%

## EXPERIENCE

<b>Intern</b> <i>CloudQuestAI</i>	Apr. 2025 – Jun. 2025 Cary, North Carolina
<ul style="list-style-type: none"><li>Developed a cross platform mobile application (<b>Fusion Forms</b>) using React Native for construction field workers to securely submit structured data, with offline capability, Firebase Authentication, and backend integration via API to MongoDB.</li><li>Built an AI-powered data analysis tool leveraging <b>LangChain</b>, <b>OpenAI (GPT)</b>, and Python to enable natural language querying of internal finance datasets, automatically generating and executing SQL queries for instant insights.</li></ul>	

## PROJECTS

<b>HealthStack</b>   <i>ReactJs, Base44, GeminiAI</i>	Aug. 2025 – Sept. 2025
<ul style="list-style-type: none"><li>Developed a healthcare-focused web application with features for uploading, managing, and analyzing medical reports, ensuring a smooth user experience through a modern React-based frontend.</li><li>Designed dual report formats tailored for patients and medical practitioners, enhancing readability, clarity, and usability by presenting simplified insights for patients and detailed data for professionals.</li><li>Deployed the application on Base44's engine, leveraging continuous deployment workflows for reliable hosting, scalability, and seamless access. <a href="#">🔗 Live Link</a></li></ul>	
<b>IncomeSense</b> <a href="#">🔗</a>   <i>ReactJs, Typescript, SCSS, NodeJs, MongoDB, JWT</i>	Jun. 2025 – Jul. 2025
<ul style="list-style-type: none"><li>Engineered a personal finance application using React and TypeScript, enabling users to securely authenticate, input income/expense transactions, and retrieve realtime financial summaries.</li><li>Built dynamic budget planning and monthly tracking modules, including rule based allocation calculators and analytics driven insights, using Chart.js.</li><li>Integrated frontend and backend services with persistent transaction handling, and successfully deployed the application using Vercel (frontend) and Render (Node.js, MongoDB). <a href="#">🔗 Live Link</a></li></ul>	
<b>Chess Game App</b> <a href="#">🔗</a>   <i>ReactJs, Typescript, HTML, CSS</i>	Jan. 2025 – Mar. 2025
<ul style="list-style-type: none"><li>Developed a full featured chess game using React, incorporating essential gameplay mechanics, turn based logic, and accurate move validation according to official chess rules.</li><li>Integrated a visually intuitive UI with responsive design and dynamic piece rendering, ensuring a smooth experience across desktops/laptops.</li><li>Deployed the application on Vercel, demonstrating proficiency in end-to-end web development and modern CI/CD workflows. <a href="#">🔗 Live Link</a></li></ul>	

## TECHNICAL SKILLS

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**Languages:** Java, Typescript, HTML, CSS

**Database:** MySQL, MongoDB

**Frameworks:** ReactJs, NodeJs, ExpressJs

**DSA | Problem Solving:** LeetCode [↗](#), GeeksforGeeks [↗](#)

**Developer/Deployment Tools:** MongoDB Atlas, Visual Studio Code, Vercel, Render

**Version Control:** Git, Github

## CERTIFICATIONS

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- "Java SE8 Features" — Infosys Springboard
- "MongoDB Developer's Toolkit: CRUD Mastery" — GeeksforGeeks
- "Nestlé E-Learning 2024: Sustainability" — Nestlé
- "Soft Skills" — NPTEL

## ACHIEVEMENTS

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- Earned an "Elite+Silver" badge in a NPTEL course - Soft Skills.
- Competed in a District-level Chess tournament conducted by TNSCA.