



# SARTHAK SUNIL KUMAR

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## EDUCATION

Course	College/University	Year	CGPA/%
B.Tech, CSE	PES University	Expected 2025	7.46
Intermediate/+2	Expert Pre-University College	2021	98.83
High School	Sharada Vidyanikethana Public School	2019	95.4

## SKILLS

Languages	C, Python, JavaScript, TypeScript, SQL, GraphQL, HTML/CSS
Frameworks/Libraries	NodeJS, NextJS, ReactJS, Apache Hadoop, Apache Spark, Apache Kafka, MQTT
Database Technologies	MongoDB, PostgreSQL, MySQL, ORMs
DevOps/Infrastructure	Kubernetes, Jenkins, Docker, Nginx, Amazon Web Services, Grafana, Linux, CI/CD Pipelines
Technologies/Domains	Big Data, Cloud, Full-Stack Development, Streaming Data

## EXPERIENCE

<b>Udaan.com</b> - Software Development Engineer - I Intern	Jan 2025 - Present*(Jun 2025)
<ul style="list-style-type: none"><li>Implementing business logic &amp; <b>backward-compatible</b> APIs for internal consoles (warehouse, vendor, procurement workflows). Performing code reviews, triggering <b>canary</b> builds and <b>hotfixes</b> to cross-dependent microservices.</li></ul>	
<b>TwoSpoon.ai</b> - Software Development Engineer Intern	July 2024
<ul style="list-style-type: none"><li>Worked with developers to build impact applications, including finance automation that reduced processing time by <b>90%</b></li><li>Built a scalable <b>AI-driven platform</b> to deliver real-time insights on Indian movies, for a leading marketing agency.</li></ul>	
<b>GreenTick</b> - Product Innovation Lead	April 2023 - August 2023
<ul style="list-style-type: none"><li>Developed Intuitive Feature Management and CXO Dashboard Interfaces using <b>ReactJS</b>. Optimized and refactored existing code for maximum <b>speed</b> and <b>scalability</b>.</li><li>Implemented <b>AWS S3 Storage</b> for media management and designed <b>REST APIs</b> to ensure seamless data flow.</li></ul>	

## RESEARCH

<ul style="list-style-type: none"><li><i>Advancing Urban Evacuation Management: A Real-Time, Adaptive Model Leveraging Cloud-Enabled Big Data and IoT Surveillance, at the 4th International Conference for Intelligent Technologies (CONIT, Jun 2024)</i></li></ul>
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## PROJECTS

<b>PES University Official Internship Portal</b> 🌐 - NextJS, NodeJS, MySQL, AWS	Jan 2024 - Jun 2024
<ul style="list-style-type: none"><li>Streamlined internship approval, reporting, and feedback, replacing manual emails and forms. Includes <b>Automatic Grading System</b> and <b>Analytics Dashboard</b>. Implemented <b>RBAC</b> for department, manager, and student roles.</li><li>Secured with <b>Cloudflare</b>, Using <b>S3 Storage</b>, <b>RDS MySQL</b> and <b>Cloudfront CDN</b> with <b>AWS WAF</b>, and custom <b>SMTP server</b> for automated emails. Worked with developers/testers using <b>Agile Methodology</b> for better project execution.</li></ul>	
<b>Anuraksha App</b> 🌐 - AWS, Ionic, Grafana, Nginx, PostgreSQL, ReactJS	Apr 2024
<ul style="list-style-type: none"><li>Built a cross-platform emergency app, integrating <b>Rapid Volunteer Network</b> response to address gaps in current systems.</li><li>Implemented <b>Real-Time Location Tracking</b>, and built a scalable backend using <b>EC2</b>, <b>RDS</b>, <b>S3</b>, <b>Route 53</b>, and <b>Nginx</b> with <b>CI/CD pipeline</b> via GitHub and monitoring using <b>Grafana</b>. Connects users to nearby volunteers and services.</li></ul>	
<b>Salaar - Ceasefire Official Movie Site</b> 🌐 - ReactJS, NodeJS, Nginx, Docker, AWS	Nov 2023 - Dec 2023
<ul style="list-style-type: none"><li>Developed a movie fanbase info-hub and hosted nationwide online fan campaigns using <b>ViteJS</b> with <b>Amplify</b> for deployment, <b>S3</b> for media storage, and <b>RDS MySQL</b> database, infrastructure monitored using <b>Cloudwatch</b>.</li><li>Built an auto-scaling <b>ExpressJS</b> backend on <b>AWS EBS</b> with <b>Nginx</b>, handling <b>2,800 RPS</b>, attracting <b>2M+ visits</b>, <b>167K peak concurrent users</b>, and <b>350K+ registrations and media submissions</b>.</li></ul>	
<b>Find My Course - Course Channel/Website</b> 🌐 - ReactJS, NodeJS, Cheerio, CPanel	May 2023 - Jun 2023
<ul style="list-style-type: none"><li>Launched a free Udemy course access platform for global learners. Built an <b>ExpressJS</b> backend with <b>PostgreSQL</b>.</li><li>Developed a Telegram bot, broadcasting to <b>100K+ learners</b>. Website built using <b>ViteJS</b> and <b>Hygraph</b> with <b>Cloudinary</b> for content management, and <b>Cheerio</b> for scraping. Handled <b>35M+ requests</b> from May to September 2023.</li></ul>	

## ACHIEVEMENTS & LEADERSHIP

<b>Winner &amp; Finalist at Multiple National-Level Hackathons</b>	2019 – 2024
Recognized at Hackfest 2024 (Runner-Up), Electhon 2023 (Election Commission of India), and Centuriton 2022 (GitHub Track)	
<b>Deputy Club Head, Shunya – Math Club, PES University</b>	Jan 2021 - Jun 2023
Led club operations, coordinated events, managed finances and sponsorships, and worked with core members to define strategy.	

## PERSONAL INFORMATION

Languages: English, Hindi, Kannada, Tulu	Date of Birth: 11th July 2003	Gender: Male
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