



SHIV SHANKAR KANAUIYA | 20QE30009

Indian Institute of Technology Kharagpur

EDUCATION

Year	Degree/Exam	Institute	CGPA/Percentage
2025	B.Tech + M.Tech	Indian Institute of Technology Kharagpur	8.43
2019	Intermediate	L. N. Academy, Rahta, Mall, Lucknow	83.20%
2017	High School	Daya Shankar Public School, Sandila, Hardoi	85.67%

INTERNSHIPS AND PROJECTS

Software Engineering Intern Pinch Banglore, India ◦ Build the crypto-trading mobile app from scratch using React Native, enabling users to learn, share, and trade cryptocurrencies together ◦ Optimized the performance by reducing the loading time from 7 seconds to 2 seconds and worked with WebSockets to fetch live prices ◦ Implemented critical features such as deep linking and worked extensively with various chart packages to enable live price charting	Dec'22 - Jan'23
Software Developer Actuary Life Noida, India ◦ Created a fully functional full-stack Learning Management System using React JS , Node JS Express JS , and MySQL ◦ Worked on the actuarial valuation models to compute pricing and reserving using Gradient-Decent-Algorithm ◦ Analysed and rendered the data in the front-end app using data tables and open-source JavaScript library Chart JS	May'22 - Jun'22
Web Developer Pristine Escapes Banglore, India ◦ Made all 750+ pages on the website responsive by editing each page in Elementor , a page builder for WordPress ◦ Designed UI of 40+ pages using a vector graphics editor, Figma , for promoting different properties and location	Oct'21 - Jun'22
Vector Calculus and 3D Visualiser Research Internship YunTech, Taiwan Prof. Kaushal Bhagat ◦ Shifted platform from one canvas to three separate canvases, which increased the visibility of the platform by 33.33% ◦ Debugged the pre-existing code, fixed mathematical formulae, and improved the user interface of the platform ◦ Added unit conversion, slide bar, function for showing surfaces and volumes, and 360 degrees of auto-rotation	Oct'21 - Jan'22
TranslateText Back-End Project ◦ Cached the API responses using a Redis database, which reduces the second API call response time by 92.5% ◦ Hashed the input data using the JavaScript library Crypto in order to secure it using the SHA6 hashing algorithm	Mar'22 - Apr'22
CryptoApp Front-End Project ◦ A web app that fetches 100+ cryptocurrencies using the API of a digital currency price and data platform, CoinGecko ◦ Shows the percentage increase and decrease in the price of a coin, market capitalization, and current prize	Apr'22 - May'22

SKILLS AND EXPERTISE

◦ Programming Languages: C C++ JavaScript Python	◦ Software/Tools: Git Linux VSCode Figma
◦ Frameworks and Libraries: React JS Node.js Express.js	◦ Database: MongoDB MySQL

COURSEWORK INFORMATION

◦ Programming and Data structures	◦ Machine Learning Foundation and Applications
◦ Analog Electronic Circuits	◦ Digital Electronic Circuits
◦ Probability and Statistics	◦ Signal and Systems

POSITIONS OF RESPONSIBILITY

Tech Team Subhead Kshitij, IIT Kharagpur ◦ Developed user-oriented visuals and features using front-end languages, including React JS , CSS , and JavaScript ◦ Designed the user sign-in page, sign-up page, forget password page, footer page, profile page, and game fest page	Jul'21 - Mar'22
Senior Game Developer Computer Graphics Society, IIT Kharagpur ◦ Built the user experience and user interface of a multiplayer game first-person shooter in Unity using Illustrator ◦ Led a team of 15+ students and reviewed all the pull requests on GitHub for the development of the website	Apr'21 - Jun'22
Global Entrepreneurship Intern Entrepreneurship Cell, IIT Kharagpur ◦ Gained hands-on experience by working with real-world front-end applications using HTML, CSS, and JavaScript ◦ Presented the SWOT analysis of a company named Razorpay as a team member in front of Associate members	Apr'21 - Jun'22

AWARDS AND ACHIEVEMENTS

- Aced the best **News-Bulletin feature award** at the website Hackathon hosted by IIT Kharagpur out of **17** teams
- Secured a Top **10** rank in the Web Development Workshop organized by Kshitij, IIT Kharagpur, out of **500+** students
- Achieved a Global Rank of **141** out of **2152+** at the Division 3 round, Starters 45 2022, organized by CodeChef
- Scored a Global Rank of **4725** out of **125000+** in Google Kickstart Round C 2022, organized by Google Competitions
- Got a ranking of **22** in the Great Step Code X Traction online coding competition, which **Mercor** hosted in collaboration with IIT Kharagpur
- Bagged a Global Rank of **5612** out of **110000+** in Google Kickstart Round D 2021, organized by Google Competitions

EXTRA CURRICULAR ACTIVITIES

- Won the Inter-Hall Cricket General Championship 2022 among **17** teams as a member of the Gold-Winning team
- Coded the front end of the **AnyTimeFood** web app in the Inter-Hall OpenSoft 2022 using **React JS** and **Redux**
- Played a key role in developing the problem statement's front end, leading my team to win the **gold medal** in Inter IIT Tech Meet 11.0