




# SK ELAF AHMED

Full Stack Web Developer

 SkElaf Portfolio

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 GitHub Profile

 Kolkata, India

 LinkedIn Profile

## EXPERIENCE

08/2024 – Present	<b>Tata Consultancy Services   Assistant System Engineer</b>	Frontend Developer
<ul style="list-style-type: none"><li>Enforced strict <b>Angular coding standards</b> for high-quality, maintainable code.</li><li>Architected advanced API integrations and payload structures via Angular <b>services</b>, improving API efficiency by <b>20%</b>.</li><li>Developed and maintained <b>Reactive Forms</b> with dynamic <b>validations</b> and conditional logic.</li><li>Collaborated via <b>Git/GitLab</b> to streamline development workflows and optimized frontend performance by <b>30%</b>, designing responsive UIs with <b>Tailwind CSS</b> and <b>Preline CSS</b>.</li></ul>		

## PROJECTS

React.js App	<b>CrypSEA</b>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Frontend built with <b>React.js</b>, <b>MUI</b>, and <b>Bootstrap 5</b>, managing state for multiple currencies.</li><li>Fetches CoinGecko <b>API</b> for live data, implemented <b>search</b> feature, blog page, and contact form.</li><li>Integrated an AI <b>chatbot</b> for crypto-related queries and <b>candlestick pattern chart</b> for technical analysis.</li><li>Utilized <b>React.js Charts</b> to display dynamic price graphs and <b>responsive</b> mobile layout.</li></ul>		
Next.js App	<b>TextUtils Next</b>	<a href="#">Link</a>
<ul style="list-style-type: none"><li><b>Text Editor Tab</b>: Provides word counter, readability score, json prettify, json minify, URL <b>encoder/decoder</b> and average word length.</li><li><b>Grammar Checker Tab</b>: Displays a <b>graph</b> indicating correct vs. wrong grammar counts</li><li><b>Blog Generation Tab</b>: Rich text editor with options to download as <b>HTML</b>, <b>Markdown</b>, or <b>PDF</b></li></ul>		
Full Stack App	<b>GenZ Store</b>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Built a <b>MERN</b> e-commerce app with <b>signup</b>, <b>signin</b>, cart, and address pages</li><li>Frontend: <b>React.js</b>, <b>Redux</b>, <b>Styled Components</b> for full responsiveness</li><li>Backend: <b>Node.js</b>, <b>MongoDB</b> with middleware and authentication; integrated <b>payment gateway</b>, product filters, scroll-to-top, and sidebar</li></ul>		
Web Portfolio App	<b>Personal Portfolio Website</b>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Developed with <b>React.js</b> and <b>Tailwind CSS</b>, including a 404 page</li><li>Implemented a responsive, glass-morphic navbar and smooth routing using <b>React Router DOM</b></li><li>Added contact form with <b>Email.js</b> notifications</li></ul>		

## EDUCATION

10/2020 – 07/2024	<b>B.Tech in Electronics and Communication Engineering</b>	CGPA: 8.82
Ramkrishna Mahato Government Engineering College		

## SKILLS

- Languages**: Java, JavaScript, TypeScript
- Frontend**: Angular, React.js, Next.js, HTML/CSS, Tailwind CSS
- Backend**: Node.js, Express.js, REST API, JWT
- Technologies**: Web Development, Git/GitHub, MongoDB, Postman, Vercel, Linux

## AWARDS AND ACHIEVEMENTS

09/2024 – Present	<b>Specialist – Title achieved on TCS internal learning platform</b>	TCS iEvolve
<ul style="list-style-type: none"><li>Earned over <b>1500+ points</b> through continuous learning and assessments</li></ul>		
05/2024 – 05/2024	<b>Runners Up in Hackvengers (Annual Hackathon of RKMGEC)</b>	EREX Studio and RKMGEC
<ul style="list-style-type: none"><li>Collaborated with a four-person team to create an <b>IOT-based</b> water leak prevention solution.</li></ul>		
04/2023	<b>TCS NQT - April Exam - Overall Score- 89.64 out of 100</b>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Part A - 89.73 Part B - 92.16 Coding - 87.03</li></ul>		

## CERTIFICATES

Udemy	<b>Complete Angular Course 2025</b>	<a href="#">Link</a>
Web Development	<b>Programming Foundations with JavaScript, HTML and CSS - DUKE University</b>	Coursera

## LANGUAGES

**English** - full professional proficiency, **Bengali** - native, **Hindi** - professional working proficiency