

# Fathima Zulaikha

Proactive, Self-Motivated CS Engineer seeking 2025 Software Development roles

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## EDUCATION

<b>Loyola-ICAM College of Engineering and Technology, Chennai</b> <i>B.E. Computer Science Engineering</i>	CGPA - 8.2 Nov. 2021 – May. 2025
<b>The Schram Academy, Chennai</b> <i>AISSCE (Senior Secondary Education)</i>	Grade - 95.6% 2019 – 2021
<b>JSS Private School, Dubai</b> <i>AISSE (Secondary Education)</i>	Grade - 89% 2011 – 2019

## EXPERIENCE

<b>Software Engineer Intern</b> <i>TAMIZH</i>	Jul 2024 – Aug 2024 Chennai, India
<ul style="list-style-type: none"><li>Researched <b>OS features</b> of <b>AR/MR</b> glasses, informing <b>design</b> of a <b>custom OS</b> for Kaipesi (smart glasses).</li><li>Coded <b>kernel modules</b> in <b>C</b> for Debian, tested on <b>Raspberry Pi</b> to improve <b>OS-hardware</b> interaction.</li><li><b>Collaborated</b> with <b>cross-functional teams</b> to <b>resolve</b> technical challenges in <b>AR development</b>.</li></ul>	
<b>Full Stack Developer Intern</b> <i>Chaplet Infotech Pvt. Ltd.</i>	Nov 2023 – Feb 2024 Chennai, India
<ul style="list-style-type: none"><li>Developed a <b>billing software</b> for <b>visually impaired users</b> with <b>React</b>, enabling accessibility.</li><li><b>Integrated Razorpay</b> gateway and designed a <b>database</b> in <b>Cloud Firestore</b> for smooth payments.</li><li>Implemented <b>billing functions</b> (add/remove items, adjust quantities, calculate total).</li><li>Generated a <b>printable bill</b> with <b>HTML/CSS</b> upon successful payment.</li></ul>	

## PROJECTS

<b>Online Learning Portal</b>   <i>React.js, Node.js, Express, MongoDB</i>	Nov 2024 – Present
<ul style="list-style-type: none"><li>Developed an <b>online learning platform</b> enabling <b>learners</b> to <b>browse</b>, <b>enrol in</b>, and <b>track progress</b> across <b>courses</b> via a responsive interface.</li><li>Implemented efficient <b>course management tools</b> for <b>instructors</b> and <b>admins</b>, featuring <b>CRUD</b> operations, <b>user authentication</b>, and real-time <b>progress monitoring</b>.</li></ul>	
<b>SumMate</b>   <i>Node.js, Express, HTML, CSS, Javascript, Postman</i>	Dec 2024
<ul style="list-style-type: none"><li>Developed a full-stack web app for <b>Text Summarization</b> using <b>Node.js</b>, <b>Express</b>, and the Hugging Face API.</li><li>Designed an intuitive <b>user interface</b> with <b>HTML</b>, <b>CSS</b>, and <b>JavaScript</b> for the frontend.</li><li>Tested the <b>Hugging Face API</b> on <b>Postman</b> and used <b>Postman codegen</b> for seamless <b>API integration</b>.</li></ul>	
<b>Vehicle Service Booking</b>   <i>React.js, Java, SpringBoot, MySQL, ArgoUML</i>	Apr 2024
<ul style="list-style-type: none"><li>Collaborated with a team of 10 to develop a full-stack <b>Vehicle Service booking app</b> with <b>distinct interfaces</b> for <b>workers</b> and <b>customers</b>.</li><li>Modelled <b>use-cases</b>, <b>state charts</b> for <b>requesting services</b>, <b>progress tracking</b>, and <b>feedback collection</b>.</li></ul>	

## CERTIFICATIONS / ACHIEVEMENTS

- Red Hat Certified Engineer (RHCE) + Red Hat Certified Systems Administrator (RHCSA)**
- Google Cloud Computing Foundations** by NPTEL IIT Kharagpur
- Postman API Fundamentals Student Expert**
- JGEC Winter of Code 2024**: Ranked **26th** out of **200+** mentees with **7 Pull Requests** merged

## TECHNICAL SKILLS

**Languages & Databases:** Java, SQL (MySQL), JavaScript, HTML/CSS, C, Python  
**Libraries & Frameworks:** React, Node.js, Express, Redux, Material UI, Flask  
**Developer Tools:** Git, Postman, Ansible, Google Cloud Platform, VS Code, Jupyter Notebook, Eclipse