ATHULKRISHNA P SHIJO

Full Stack Developer

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SUMMARY

Computer Science student with hands-on experience in web development and IoT-based systems. Strong foundation in programming, a passion for emerging tech, and a proven track record of delivering impactful projects using both frontend and backend technologies.

EDUCATION

B.Tech in Computer Science and Engineering   2021 – 2025

Ilahia College of Engineering and Technology, Muvattupuzha   CGPA: 7.2

SKILLS

• **Programming Languages** : Python, C, C++, Java, SQL.

• **Web Development** : HTML, CSS, JavaScript, Flask.

• **Tools & Platform** : GitHub, MySQL, VS Code, Arduino IDE.

• **IoT & Embedded Systems** : Arduino, ESP32, Sensors.

PROFESSIONAL EXPERIENCE

Web Developer Intern , Keltron   July 2024 - Aug 2024

- Developed web pages using HTML, CSS, and JavaScript, which reduced average page load time by 30%.

- Implemented interactive UI elements to enhance user engagement and interface usability.

- Utilized Bootstrap framework and TailwindCSS to streamline Development.

- Collaborated using Git and followed standard version control practices.

PROJECTS

SEATEASE - Automated Seating Arrangement System

- Developed a web application that automatically assigned seats to students based on department, semester, and roll number.

- Implemented email notification feature to privately send students their seat number, room, and exam details.

- Integrated various API to project such as Gmail API, implemented SMTP,created function for parsing in email.

   Technologies: Python, Flask, Gmail, HTML, CSS, JavaScript, Blockchain.

Electricity Consumption Notification System (ECNS)

- Built a real-time system Connected with the Blynk app to send instant mobile notifications when abnormal power usage was detected.

- Displayed live voltage and current readings, helping users monitor energy consumption effectively.

- Designed with a focus on cost-effectiveness and practical utility for homes and small-scale industries.

   Technologies: NodeMCU, voltage and current sensors, Arduino IDE, Blynk Technology.

SOFT SKILLS

• Problem Solving • Teamwork • Adaptability • Communication • Time Management

COURSES AND CERTIFICATIONS

• NPTEL Certification - Python for Data Science   *issued on Feb 2024*

• Cisco Certified Network Associate (CCNA) Certification   *issued on July 2025*

ORGNIZATION

Institute of Electrical and Electronics Engineers (IEEE) - *Member*

Computer Society of India (CSI) - *Member*

National Service Scheme (NSS) - *Member*

LANGUAGES

• English • Malayalam • Hindi • Tamil