Arun Kumar Sah

B-Tech CSE
Amrita School of Computing, Chennai

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CAREER OBJECTIVE

An energetic and dedicated team player aiming to contribute at full potential in the field of Software Development, it's methodology and AI.

EDUCATION

- **Amrita School of Computing, Chennai**   *CGPA: 8.63*
  B Tech CSE   2021 - 2025

- **Mithila Institute Of Technology, Janakpur**   *86.5%*
  Grade 12   2018 - 2020

- **Shree Sarswati Secondary School, Katarait**   *91.25%*
  Grade 10   2017 - 2018

TECHNICAL SKILLS AND INTERESTS

Programming Skills: CPP, C, Javascript, Python(basic) and strong debugging skills
Frameworks and Libraries: React js, Node js, Flask, Bootstrap
Web Dev Devops Tools: HTML, CSS, Javascript, Github, Figma, Docker, Kubernetes
Databases: Relational Database(mySql), Mongodb
Coursework: Data Structures & Algorithms, Operating and Linux Systems, OOPS, Computer Network, DBMS
Areas of Interest: Software Development and AI
Soft Skills: Problem Solving, Presentation, Team Work, Leadership

PROJECTS

- **Utility Billing Management System**   *October 2023*
  A comprehensive utility billing management to handle bills for electricity, water, gas and tax on a monthly basis.

  – Technology Used: HTML, CSS, React Js, Node Js, Mongo DB
  – Containerized the application using Docker to ensure consistency across development and testing environments.

- **BookGlance**   *August 2023*
  Get instant book details, summaries, reviews, and ratings with ease using the Google Books API.

  – Technology Used: HTML, CSS, React Js, Google Books API

- **AI enabled accident detection using YOLOv8**   *July 2023*
  An AI-powered web application for accident detection, utilizing YOLOv8 for real-time analysis and response.

  – Technology Used: Flask, HTML, CSS, Yolov8 model

- **Bank Management System**   *February 2023*
  A comprehensive bank management system created using C++ and file handling with .dat files for data storage.

ACHIEVEMENTS

- **Coding Combat | Third Rank**   *March 2024*
  Secured 3rd place in coding combat organized by Amrita Chennai during Tantrotsav Fest.

- **Scavenger Hunt | Winner**   *October 2022*
  My team of 4 members secured rank 1 in Scavenger Hunt organized by Amrita Cybernation, Chennai tech fest.

CERTIFICATIONS

- **Software Development Lifecycle Fundamentals**   *August 2024*

- **MERN Stack Fundamentals**   *August 2024*

- **AWS Academy Graduate - AWS Academy Cloud Architecting and Foundations**   *January 2024*