Atul Prem

 GitHub   LinkedIn   atulprem8069@gmail.com   +91 7250769681

EDUCATION

KIIT University   06/2025
B.Tech. in Computer Science and System Engineering   *Current CGPA: 68.8/10.0*
- Relevant Courses: DSA, OS, DBMS, CN, Cloud Computing, AI, HPC, Probability & Stats

DAV Public School, Bokaro   03/2021
CBSE Class 12th   *Percentage: 67.8*

DAV Public School, Kahalgaon   03/2019
CBSE Class 10th   *Percentage: 61.7*

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, TypeScript, HTML/CSS, SQL, Shell Script

Frameworks Libraries: React.js, Node.js, Express.js, Next.js, Django, Selenium, Tailwind CSS, Bootstrap, jQuery

Databases: MongoDB, MySQL, Firebase, PostgreSQL

Cloud Platforms: AWS (EC2, S3, Lambda), Google Cloud, Heroku, Netlify, Linux, Ubuntu, Windows, WSL

Tools: Git, GitHub, Bitbucket, VS Code, IntelliJ, PyCharm, Postman, Swagger, Figma

DevOps Monitoring: Docker, CI/CD (GitHub Actions), Nginx, PM2, Log monitoring (CloudWatch)

Data Science Tools: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV

Soft Skills: Teamwork, Problem Solving, Ownership, Communication, Adaptability, Time Management

EXPERIENCE

Skolar   Feb 2024 – Apr 2024
AI Intern (Remote)
- Worked on ML algorithms, data analysis, and AI-based tools. Gained understanding of model training and testing.

PROJECTS

Maternal Harmony | *Node.js, React.js, ML, Firebase*   Health Tracker for Pregnant Women
- Developed a full-stack web platform for pregnant women to register and monitor items received through government schemes.
- Integrated a basic machine learning model to provide personalized health recommendations based on user input.
- Implemented Firebase authentication and cloud database for secure data storage and real-time updates.

Money Lending App | *Node.js, Express.js, JWT*   Secure Lending Platform
- Designed and developed a backend system to handle loan requests, user management, and transaction history.
- Secured endpoints using JWT-based authentication and ensured proper role-based access control.
- Tested and documented APIs using Postman, improving maintainability and team collaboration.

Mini Games Collection | *JavaScript, HTML/CSS*   Interactive JS Games
- Built multiple browser-based games including Snake, Tic Tac Toe, and Rock Paper Scissors to enhance frontend logic skills.
- Focused on clean UI design, efficient game state handling, and responsive event-driven interfaces.

API Tools | *React, JavaScript*   Weather, Currency, and Movie Info Apps
- Created multiple web applications that consume public APIs to deliver live weather updates, currency exchange rates, and movie information.
- Emphasized user-friendly design with dynamic data rendering using React components.
- Handled API errors and edge cases to ensure robust and reliable performance.

CERTIFICATIONS

Web Development: Certificate of Completion (June 2023)

HackerRank: Problem Solving Intermediate (Aug 2023)

Udemy: DSA with Java & C++