PREM KUMAR P

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PROFESSIONAL SUMMARY

Versatile Software Engineer with hands-on experience in building full-stack platforms, real-time applications, and data-driven systems. Proficient in C++, JavaScript, and Python, with strong problem-solving and system design capabilities. Proven ability to lead cross-functional teams and ship scalable solutions with engineering excellence. Demonstrated commitment to continuous improvement by solving 100+ LeetCode problems in just 20 days, sharpening algorithmic thinking and coding speed under pressure.

EXPERIENCE

Vividhra — Full Stack Dev Intern   Nov 2024 - Dec 2024
On-site   *Deployed company website; handled core larvae operations.*

Infomaps — App Dev Intern   May 2024 - Jul 2024
On-site   *Developed health monitoring and VHN modules for Thaimai app.*

Postulate Info Tech — Data Science Intern   Jul 2023 - Aug 2023
Virtual   *Built a Bitcoin price predictor using ML on historical data.*

PROJECTS

Bitcoin Price Prediction — Postulate Info Tech   Jul 2023 - Aug 2023
Predicted BTC prices using ML and time-series forecasting.   *Python, XGBoost*

Thaimai – Mother Tracking App — Infomaps   May 2024 - Jul 2024
Implemented real-time health monitoring and VHN modules.   *React Native, Tailwind CSS*

CodyGrow – DS Automation Platform   Jan 2025 - Present
Launched modules for data prep, feature engg., and model training.   *LangChain, Python*

SKILLS

- **Programming Languages:** Python, C++, C, Java, JavaScript, MySQL
- **Web and App Development:** React.js, React Native, HTML, CSS, Tailwind CSS, Node.js, AWS(Beginner)
- **Core Skills:** Software Design, Object-Oriented Programming, Debugging, Scalability, SDLC
- **Data Science and AI:** NumPy, Pandas, Scikit-learn, XGBoost, Matplotlib, Seaborn, Langchain
- **Soft Skills:** Project Management, Leadership, Problem-Solving, Team Player, Communication, Analytical Thinking, Logical Reasoning

EDUCATION

- **B.E. CSE (Data Science)**, Sathyabama Institute of Science and Technology – CGPA: 8.36 (Aug 2023 – 2027)
- **Senior Secondary (CBSE)** – 82.8%
- **Secondary (CBSE)** – 78.2%

CERTIFICATIONS

- **SQL Basic Certificate** – HackerRank (2023) — Link
- **Data Science Bootcamp:** Python for Data Science and ML – Udemy (2023)— Link
- **Internship Completion:** Data Science with Python – Postulate Info Tech (2023)— Link
- **Internship Completion:** App Development – Infomaps (2024)— Link
- **Fundamentals of AI Badge** – Microsoft (2024)— Link
- **Foundations: Data, Data, Everywhere** – Google (2024)— Link
- **Internship Completion:** Web Development – Vividhra (2025)— Link
- **AWS:** Solution Architect Virtual Experience (2025)— Link
- **Deloitte:** Data Analytics Virtual Experience (2025)— Link
- **Software Engineer Intern:** Hackerrank (2025)— Link

EXTRACURRICULAR ACTIVITIES

- **LeetCode Challenge** – Solved 100+ problems in 20 days to improve coding speed and problem-solving under constraints.
- **Class Representative, CSE-DS Dept.** – Liaison between students and faculty for 2 semesters.
- **Technical Member, The Robotic Society** – Core Contributor – Embedded & Robotics Innovations.
- **Secretary, Dance Team (Banger Feets)** – Managed logistics and coordinated events.