

AAYUSH KUMAR

Dharwad, Karnataka, India

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🔗 LeetCode 📄 GeeksforGeeks

Education

Indian Institute of Information Technology (IIIT), Dharwad

Jun. 2025

B.Tech in Computer Science and Technology — CGPA: 7.09/10.0

Dharwad, Karnataka

The Tribhuvan School, Patna

Mar. 2021

Senior Secondary in PCM — Percentage: 93%

Patna, Bihar

Experience

CGI

Jul 2025 – Present

System Engineer

Bengaluru, Karnataka

- Developing customer engagement solutions using Amazon Connect for 10,000+ daily users
- Optimizing AWS Lambda functions, reducing execution time by 40% and cloud costs by 25%
- Implementing real-time monitoring with CloudWatch, decreasing system downtime by 60%
- Integrating Amazon Q for AI-powered agent assistance, improving customer satisfaction by 35%

Technical Skills

Programming Languages: Python, C++, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Flask, TensorFlow

Cloud & Databases: AWS (Lambda, S3, DynamoDB, API Gateway), MongoDB, PostgreSQL, Firebase

Tools: Git, Docker, VS Code, Postman, Figma, Azure DevOps

Projects

Cricket Stats Predictor — Python, React, TensorFlow



- Achieved 85% accuracy in predicting cricket player stats from 1,000+ data points
- Reduced data processing time by 30% using optimized pipelines
- Implemented real-time data visualization dashboard for match performance analytics

Chessify — Python, XBoard



- Designed Python-based chess engine with XBoard integration for 20+ users
- Improved GUI interaction speed by 20% through optimized algorithms
- Added game history tracking and player rating system for competitive gameplay

Adventura — React, Tailwind



- Developed AI travel recommendation platform for 300+ users
- Implemented Firebase for real-time updates, boosting responsiveness by 35%
- Integrated OpenAI API for personalized itinerary generation based on user preferences

Achievements

3rd Place - Cricket Code Champions Hack — Processed 500k+ data points

1st Place - SandCodes Hackathon — Developed SpaceTec satellite tracking system

2nd Place - HackChess Hackathon — Created Chessify with AI features

Leadership

President, Techniosys - IIIT Dharwad

Jun 2023 – Aug 2024

Technical Club

Dharwad, Karnataka

- Organized technical events and coding workshops engaging 200+ participants
- Increased student participation by 25% through strategic planning

Cloud Core, GDSC - IIIT Dharwad

Jun 2023 – Aug 2024

Student Club

Dharwad, Karnataka

- Conducted cloud computing sessions and hands-on labs for 200+ attendees
- Led hackathons enhancing practical cloud skills by 40%