ASHISH KUMAR
Software Engineer
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TECHNICAL SKILLS

- **Programming**: C/C++, Python, JavaScript, Data Structures and Algorithms
- **Platforms**: Kubernetes, Docker, AWS, Ubuntu, Github, Git, Nagios, AWS EC2, Ansible
- **Tools/Frameworks**: ReactJS, NodeJS, RestAPIs, jQuery, Django
- **Database**: MongoDB, MySQL, NoSQL

PROJECTS

- **Byte Builder** *March 2023 - May 2023*

  Personal Project ⭘ Github
  - Engineered an interactive code editor enabling users to write, edit, save, and compile code with real-time collaboration features.
  - Implemented live collaboration functionality, enhancing user experience for team-based coding projects.
  - Integrated time and memory usage analytics for user-submitted code, facilitating performance optimization.
  - Cultivated a community-driven feature to share and rate high-quality code snippets, fostering peer learning.
  - Employed NodeJS, Judge0 API, Socket IO, MongoDB, and Firebase for robust backend development.

- **Product Recommendation - Flipkart Grid 5.0** *August 2023 - August 2023*

  Pre Final Round ⭘ Github
  - Developed an product recommendation algorithm for Flipkart challenge for enhancing customer shopping experience.
  - Analyzed data of 100 users to derive insights for area-based popular product recommendations.
  - Pioneered the use of image recognition technology to suggest similar products, increasing user engagement.
  - Analyzed a dataset of 4000 movies to provide optimized recommendations based on users' current search.
  - Utilized Python, Numpy, Pandas, Scikit-learn, OpenCV, and VGG16 for data processing.

- **ParkEase** *January 2024 - January 2024*

  Personal Project ⭘ Github
  - Enabled seamless functionalities for vehicle parking, retrieval, complaint submission, and real-time receipt issuance.
  - Designed user-friendly interfaces for vehicle owners and administrators, ensuring smooth navigation and efficiency.
  - Implemented receipt generation for entry and exit transactions,for record-keeping purposes.
  - Implemented Google Authenticator for secure entry/exit authentication.
  - Developed the application using Python, Django,SQLite3, Docker and Kubernetes

ACHIEVEMENTS

- **Expert** on Codeforces with current rating of 1603 *Link*
- Attained a 4-Star coder status on CodeChef with a peak rating of 1895. *Link*
- Ranked in the Top 2% globally with a **Knight** title on LeetCode, achieving a rating of 2060. *Link*
- Achieved **59th** national rank in Codeforces Educational Round 141.
- Secured **96th** Rank in the CodeChef February Long Challenge, among 18,000 participants.
- Ranked within the **Top 25** out of 733 students in the iamneo Code-A-Thon held at LPU campus.
- Scored in the **99th** percentile overall in the CoCubes Assessment
- Achieved **99th national percentile** in computer science and logical ability in the Amcat assessment.
- Ranked among the **Dean's List Top 10%** in the undergraduate batch at Lovely Professional University (LPU).

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Database Management
- Web Development with NodeJS
- Competitve Coding and Approaches
- DevOps with AWS
- Operating Systems
- Cloud Computing

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech CSE	Lovely Professional University, Punjab	8.40	2020-2024
Senior Secondary	The Tagore School CBSE, Rajasthan	74.40%	2018-2019
Secondary	The Tagore School CBSE, Rajasthan	95%	2016-2017