Karan Yadav

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Work Experience

Procol: Software Engineer, Gurugram   **9 May 2022 — Present**
- Implemented impactful new features in Ruby on Rails, driving product innovation and meeting business objectives.
- Increased auctioning capacity by 10x, facilitating Tenders and attracting new clients with specific demands.
- Developed a microservice for seamless data integration with client SAP ERP systems, enhancing business processes and decision-making.
- Proactively profiled and optimized high-throughput APIs, improving scalability and enhancing user experience.
- Led initiatives for code refactoring, styling guidelines, type checking, and best practices, ensuring enhanced code quality and maintainability.

Josh Technology Group: Software Developer Intern, Gurgram   **8 Feb 2022 — 6 May 2022**
- Developed full stack internal tool - Poker Planner for task estimation with jira integration, in a team of 3. Used django, react, postgres, websockets to create the live collaboration app. Setup whole project from scratch, wrote unit tests.

Projects

Online Test Portal, React, Django, REST API, SQlite, Heroku | **GitHub Link** ⧉
- Developed an online test portal API using Django REST framework and React. Successfully conducted simultaneous online tests for college society recruitment, accommodating hundreds of students. Implemented CRUD endpoints and token-based authentication using JWT for secure API calls.

Pothole Detection | Smart India Hackathon, Flask, Heroku | **GitHub Link** ⧉
- Collaborated with a college team in the Smart India Hackathon. Developed a Flask API for a mobile application that performs binary classification of images into pothole and non-pothole categories. Trained a CNN model using thousands of images. The project aimed to assist development authorities in identifying and addressing potholes.

Education

B. Tech, Computer Science and Engineering,   **July 2018 — July 2022**
Dr. APJ Abdul Kalam Technical University   Ghaziabad

Technical Skills

General	Data Structure and Algorithms, Backend Development
Programming	Ruby, Python, C/C++, Bash, HTML/CSS, Sass
Back-end	Ruby On Rails, Django, Postgres, Git, AWS EC2, AWS EBS

Achievements

- **5 Star** at **Codechef** (Highest rating 2077, achieved under 100 ranks multiples times)
- Expert at **Codeforces** (Highest rating **1680**, Solved 1000+ problems)
- Secured team rank 178 in **ACM ICPC** Gwalior-Pune Regionals Contest 2021
- **Google Kickstart** 2021 - Best ranks 423, 526
- **Facebook Hackercup** Qualification Round - Rank 320
- **Finalist** in Hackwithinfy 2021 conducted by **Infosys** (top 100)

Profile Links

Codeforces ⧉   **Codechef** ⧉   **AtCoder** ⧉   **Stoptalk** ⧉   **LinkedIn** ⧉   **GitHub** ⧉