

SHIVAM BOHRA

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Experience

Internshala

Software Engineer

Feb 2023 – Nov 2024

Gurugram

- Engineered a suite of administrative tools that eliminated 95% of routine requests to the engineering team, boosting operational efficiency and freeing up 48+ hours monthly for high-impact projects.
- Optimized high-traffic pages by caching with Redis, serving 150K+ users monthly and cutting database costs 70%.
- Reduced Cumulative Layout Shift (CLS) by 88.73% on multiple pages, as evidenced by before/after screenshots, enhancing user experience and page stability.
- Developed responsive and high-speed landing pages for campaigns to promote offers and attract approximately 5,000 new users per campaign.
- Led code reviews for 400+ pull requests (Github), offering constructive feedback and helping to maintain high code quality standards.

Codechef

Dec 2020 – Oct 2021

Teaching Assistant

Bangalore

- Mentored 10,000+ students in Data Structures and Algorithms (DSA), enhancing students' algorithmic thinking skills.
- Produced solution videos for programming contests, achieving over 5,00,000+ views on the Codechef's official YouTube channel.

Projects

Open Polls | Python, Flask, SQLite

- Designed and deployed a Flask-based platform supporting 2 poll types (public and private), enabling secure user registration, boosting user participation and engagement.
- Secured user authentication with SMS verification via Twilio API, using a 4-digit OTP.
- Enabled poll owners to sort participants by 4 distinct criteria, improving data organization and analysis efficiency.
- Implemented Google Visualizations to display poll results with 3 different charts, enhancing data clarity and user interaction.

Car Rental Website | PHP, MySQL, Javascript

- Built a scalable online platform using PHP and MySQL for renting cars and listing vehicles.
- Enabled rental agencies to efficiently manage car listings, facilitating easy booking for users.

Achievements

- Ranked in top 1% (290/30,895) in Codeforces Round 1003, demonstrating competitive programming expertise.
- Positioned 263 out of 39,903 participants in Codechef Starter 173D.
- Attained rank 453 out of 27,128 participants in Leetcode Biweekly 154.
- Secured rank 629 out of 30,923 participants in Leetcode Weekly 442.
- Solved more than 1500 algorithmic problems across LeetCode, Codeforces, Atcoder, CSES and other platforms strengthening algorithmic thinking and coding efficiency.
- LeetCode: 2,047 (Knight, Top 2%) — CodeForces: 1,598 (Specialist)

Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL, PHP.

Developer Tools: VS Code, Git, GitHub, Postman.

Technologies/Frameworks: Flask, FastAPI, MySQL, MongoDB, AWS, Redis, Memcache.

Education

Graphic Era University (Dehradun)

Sep 2018 – Jun 2022

(8.76 / 10 CGPA)

Bachelor of Technology in Computer Science & Engineering

Guru Nanak Academy (Dehradun)

Graduation: 2018

Senior Secondary (PCM)

(Score: 88.5%)

Guru Nanak Academy (Dehradun)

High School

Graduation: 2016

(Score: 90.2%)