

Abhinav Kashyap

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SKILLS

Languages: Python, JavaScript, PHP, HTML/CSS, Java, SQL, C++

Frameworks & Libraries: React.js, Django, Laravel, Bootstrap, Node.js, chart.js, Ant Design, Asterisk (PBX)

Tools & Services: Jenkins, AWS (Lambda, SNS, SES, EC2, Route 53, CloudFront, IAM, DynamoDB, CloudWatch)

Databases: MySQL, PostgreSQL, Amazon RDS, DynamoDB, MongoDB

EXPERIENCE

Software Developer 2

Oct 2022 - Present

Good Business Lab

Bangalore, Karnataka

- Optimized a complex clinical trial dataset of over 10 million records using PostgreSQL, achieving 30
- Developed a REST API using Flask and Python to expose healthcare data, ensuring seamless integration with existing EHR systems and reducing API latency by 50
- Designed and implemented a scalable database schema for a biopharma company's genomics platform, utilizing advanced indexing techniques and query optimization to support high-throughput data analysis.
- Created a real-time dashboard using React and JavaScript to visualize patient outcomes in a clinical trial, resulting in a 25
- Migrated a large-scale database from MySQL to PostgreSQL, leveraging Alembic to ensure minimal downtime and efficient schema changes.
- Built a secure and scalable backend architecture for a healthcare startup's API gateway, utilizing Flask and Python to handle high traffic and sensitive data.
- Integrated REST APIs into frontend components using GraphQL, enabling real-time data updates and reducing manual data entry by 90
- Collaborated with stakeholders to define requirements and ensure smooth data workflows for a pharmaceutical company's clinical trial platform.

Full Stack Software Developer

Nov 2021 - Oct 2022

Good Business Lab

Bangalore, Karnataka

- Implemented CI/CD pipeline using GitHub Actions to automate deployment and testing of database schema changes, resulting in a 40
- Containerized a microservices-based application using Docker, achieving a 25
- Conducted data analysis and statistical modeling for a clinical trial using R-based APIs like Plumber, identifying significant trends and insights that informed business strategy and reduced costs by 15

INTERNSHIP

Web Developer & Designer, The Dialogue

Mar 2020 - Oct 2021

- Utilized **Adobe Illustrator**, **Photoshop**, **InDesign**, and **WordPress** to develop the company website

Project Intern, Sanketik Telnet

Dec 2018 - May 2019

- Enhanced a SIP-based dialer by optimizing the **Asterisk** dial-up plan, customizing its **Java** application, and refining the **PHP** front-end

PROJECTS

Encryptindia.org: Developed India's first digital encryption repository using PHP and WordPress for World Global Encryption Day 2021.

EDUCATION
