

# BHAVYA KALRA

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## SKILLS

### PROGRAMMING LANGUAGES:-

- PYTHON, C++, JAVASCRIPT, REACT JS, SQL, JQUERY, PHP, DJANGO, FLASK, JAVA

### TECHNOLOGIES & TOOLS:-

- DATA STRUCTURES, RESTFUL API, DOCKER, ELASTIC SEARCH, LAMBDA HANDLER, RABITMQ, OAUTH, BASE64 ENCODING, JENKINS, GA CLICK EVENTS, FILE HANDLING, CACHE HANDLING, S3FS, SMTP, SFTP, REDUX, JSON, Git, Linux, Html, Css

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## SUMMARY

A **full-stack developer** with 3 years of professional experience in **web development, project management, Agile methodology** and **RESTFUL API's**. Managed a 5-member cross-functional (product, engineering, support, web development) team and co-ordinate with 2 clients toward the successful launch of govt. website.

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## STRENGTHS AND EXPERTISE

Data structures	Restful Api	Team Leadership
Database management	System Design Skills	Communication
Full stack web Dev.	OOPS	Operations Management

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## PROFESSIONAL EXPERIENCE

To The New Pvt Ltd.  
Full Stack Web Developer

07/2021 - Present

### Python:-

- Developed almost 50 **RESTful APIs** for seamless integration with external systems and services.
- Designed and implemented a robust search functionality using **Elasticsearch**, significantly improving query performance and search accuracy by **76%** faster than sql.
- Implemented **MySQL database**, proficient in designing schema, optimising queries, and ensuring data integrity for scalable and reliable applications.
- Proficient in **file handling techniques**, ensuring efficient data manipulation, storage, and retrieval across various applications and systems.
- Created and managed almost 10 **Lambda functions** to automate tasks and enhance system scalability.
- Experienced in utilising about 4 **Internet Protocols** such as **S3FS** for seamless file storage and retrieval, implementing **SMTP** for efficient email communication, and deploying **SFTP** for 80% secure file transfers, ensuring robust data management and exchange across systems.
- Used **Django frameworks**, delivering robust solutions and created almost 5 Restful APIs using Django.

### React:-

- In my current project, I've served as a pivotal member in the React.js and Redux development team.
- Designed complex user interfaces, leveraging **React.js** to build modular and **reusable components**.
- With **Redux**, I've effectively managed the application state, ensuring seamless data flow and consistency across the entire application on **3 projects parallel**.
- Created 1 **chrome extension** for Checking the team's **work logs** by using **Jira APIs**, also learned about **JQL** through this development.

### Drupal(CMS):-

- Revamped and maintained **5+ Drupal websites**, resulting in a 30% decrease in page load times and a 20% increase in search traffic.
  - Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among 4 departments and cut down paperwork by 75%.
  - Skilled in implementing **custom features**, and **optimised performance** to meet client requirements effectively.
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### ACCOMPLISHMENTS

- Received **recognition** for **STAR performer for 3 months**, demonstrating exceptional initiative, **leadership** and contributions to key projects, leading to improved outcomes and organisation success.
  - Attained the prestigious **5-Star Employee Award** for consistently delivering exceptional results and making invaluable contributions that significantly advanced organisational objectives and performance..
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### EDUCATION

- **Btech in CSE: (2017 - 2021):-**
  - University of petroleum and Energy Studies, Dehradun, India
  - Specialization in Open Source and Sytems
  - Developed a Startup named EduUpes
  - Core Committee member in UPES Cse.
  - Member at Upes Chess Club.