

# Shubham Jha

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*Versatile **Full Stack Developer** with a proven track record of delivering impactful solutions across diverse projects. Expertise in backend and frontend technologies including Spring Boot, Laravel, Vue.js, and extensive experience in API development. Strong problem-solving skills with a commitment to excellence.*

## TECHNICAL OVERVIEW

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- Programming Languages: Java, PHP, JavaScript
- Backend Frameworks: Spring Boot, Laravel
- Frontend Frameworks: Vue.js, Vuetify.js, jQuery, Bootstrap
- Databases: MySQL, Firebase, Oracle DB
- ORM Tools: Hibernate ORM, Eloquent ORM
- API Development: RESTful APIs, GraphQL
- Version Control: Git
- Cloud Services: AWS (S3 Buckets)
- Payment Gateways: Razorpay, Paypal, Sentoo
- Calendar APIs: Google Calendar, Outlook Calendar
- IDEs and Editors: VS Code, Sublime, Eclipse
- Other Tools & Technologies: HTML, CSS, Blade Templating Engine, Pusher

## PROFESSIONAL EXPERIENCE

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### TATA CONSULTANCY SERVICES / U.S. BANK

Backend Developer – Full time

Whitefield, BLR

Jan 2022 – Present

- Designed and developed Restful APIs for different modules in the project as per the requirement.
- Developed application features utilizing **Spring Boot Framework, JPA, and Hibernate ORM**.
- Worked with various data sources like **Salesforce, Oracle DB** and various REST APIs.
- Used micro-services architecture with spring-boot based services interacting through a combination of **REST APIs, Oracle DB** and with **GraphQL** on top.
- Delivered 10+ **GraphQL** graphs tailored to specific business requirements, implemented optimized solutions using multi-threading. This effort significantly reduced query times from 10 minutes to under 1 minute in some cases.
- Strong experience of developing Data Models using Hibernate POJOs or Model classes and Data Transformation using the **Map-struct** library.
- Contributed multiple improvements to **CI/CD pipelines**, like creating a **shared library** and integrating with GitLab APIs. These changes resulted in a streamlined deployment process, and enhanced overall automation efficiency.
- Coordinate with all the stakeholders like POs and QA Engineers for functional requirements and ensured compliance to all code standards.
- Maintained Unit tests code **coverage** around **97%-100%** over all my applications with valid interactions and assertion.
- Worked on regular bug fixes, performance improvements and conducted regular peer **code reviews**.
- Active participation in lifecycle activities like requirement analysis, coding, unit testing, QA-testing, regression testing, documentation, deployment and maintenance.

- Proactively led exploration of new technologies and improvements through POCs, enhancing project efficiency and providing valuable insights to the team.

## ACROSS THE GLOBE

Full Stack Developer – Part time

Remote, WFH

Jan 2020 – Dec 2021

- Played a key role in developing an employment oriented social media platform (<https://atq.world/>), contributing to various aspects of its functionality.
- Worked on major modules of the application like creating blog posts, posting Jobs and the hiring module for the employers and job seekers.
- Developed application using an MVC based framework i.e., **LARAVEL** and its features like **Eloquent ORM**, **Database Migrations** and **Blade templating engine**.
- Developed a frontend design framework using **HTML/CSS/JS/jQuery**, based on an internally built design system, designed in tools like Figma etc.
- Worked with Databases like **MySQL** for primary data storage and **Firebase** for real-time chats. Used **AWS S3 Buckets** to store files like Images, PDFs etc.
- Developed and managed a substantial array of **REST APIs** tailored for the Android counterpart.
- Successfully delivered over **10 significant milestone features** and handled more than **100 critical bugs** throughout the application.
- Developed a real-time chat module enabling both one-to-one and group conversations utilizing Pusher technology.
- Designed the architecture for smooth data flow, ensuring seamless communication among our Android app, web application, and internal server infrastructure.
- Integrated the hiring workflow directly into group chats, allowing employers to create dedicated groups for specific applicant pools and conduct recruitment processes within them.
- Led and provided guidance to a small team of intern developers for a couple of months.

## PROBOOKING

Full Stack Developer – Freelance

Remote, WFH

1 year

- Contributed significantly to the development of an Appointments management platform (<https://getprobooking.com/>), played a pivotal role in enhancing its functionality across multiple areas.
- Developed the application using an MVC based framework i.e., **LARAVEL** and its features like **Eloquent ORM**, **Database Migrations** and **Blade templating engine**.
- Transformed the whole outlook/design of the application based on **Vue.js** and **Vuetify.js** and some **HTML/CSS/JS** as and when needed.
- Improved response times from the backend through optimization of legacy code and database queries, also used Vue store and local cache storage to enhance the frontend performance.
- Developed and managed new APIs based on old business logic, to be consumed from the Frontend.
- Worked with Calendar APIs like **Google Calendar** and **Outlook Calendar**.
- Improved the backbone algorithm that handles the availabilities of multiple users, having multiple calendars (Both Google and Outlook).
- Implemented **Round Robin** feature, increasing user flexibility and booking efficiency by allowing appointments with multiple hosts, which resulted in increased number of bookings for users.
- Integrated **Sentoo** payment gateway, allowing users to connect Merchant accounts for client payments.
- Managed Probooking in a production environment, serving hundreds of active users and processing thousands of bookings monthly.
- Handled bug fixes and provided technical support for active users.

## EDUCATION

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**JAIN UNIVERSITY – Jayanagar, BLR**  
Master of Computer Application, 2021  
Grade: 75%

**AMITY UNIVERSITY JHARKHAND – Ranchi, JH**  
Bachelor of Computer Applications, 2019  
Grade: 78.5%

**OXFORD PUBLIC SCHOOL – Ranchi, JH**  
Intermediate, 2016  
Grade: 74%

**OXFORD PUBLIC SCHOOL – Ranchi, JH**  
Matriculation, 2014  
Grade: 83.6%

## ADDITIONAL SKILLS

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- Fluent in English and Hindi
- Proficient in MS Office (Word, Excel, PowerPoint) Outlook, and MS Teams.
- Proficient with Unit Test Frameworks like Junit and Mockito.
- Familiar with Regression test tools like Krate and Selenium.
- Familiar with languages like C/C++, Python, and Groovy.
- Familiar with Frameworks like Lumen and React.
- Familiar with Real-Time Communication tools like Kafka and Pusher.
- Familiar with tools like Amazon EC2 and cPanel for hosting web applications.
- Familiar with design tools like Figma, Adobe Photoshop, and Adobe Illustrator.
- Familiar with Task management tools like Jira, Trello and Mantis.

## IMPORTAND LINKS

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- GitHub: <https://github.com/jhashubhamkr>
- LinkedIn: <https://www.linkedin.com/in/jhashubhamkr/>
- CodePen: <https://codepen.io/jhashubhamkr>
- Portfolio: <https://jhashubhamkr.github.io/portfolios/retro/>