

# SHUBHAM PALIWAL

Full-Stack Web Developer

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[GitHub](#) | [Linkedin](#) | [Portfolio](#) | [CodeForces](#) | [LeetCode](#)

## EDUCATION

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### Bikaner Technical University

Degree in B.Tech Computer Science and Engineering

CGPA: 8.69

Bikaner, Rajasthan, India

June 2021 - June 2025

## SKILLS

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Programming Languages: Java, Python, JavaScript, C, C++, HTML, CSS, PHP, JSP, Servlets  
Libraries/Frameworks: React JS, JQuery, Bootstrap, Tailwind CSS  
Tools / Platforms: Git, GitHub, Firebase, Eclipse, IntelliJ, VS Code, AJAX, OOP, Linux  
Databases: MySQL

## PROJECTS / OPEN-SOURCE

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### Chitthi (Messaging App) | [Link](#)

*React JS, Tailwind CSS, Firebase, Express JS, Google Maps API*

- Developed a feature-rich chat application with a responsive UI, PWA support, real-time messaging, user profiles, last seen time, themes, and search, enhancing usability and interaction.
- Integrated live location and speed tracking with SOS alerts, allowing users to share their location selectively, leveraging Google Maps API and Firebase for secure and seamless real-time safety features.
- Built a scalable notification service using Express JS and Firebase Cloud Messaging, enabling multicast across devices, leveraged service workers for instant pop-up alerts, ensuring fast & reliable communication.

### Quora Clone (Blog App) | [Link](#)

*HTML, CSS, JavaScript, PHP, AJAX, JQuery, MySQL*

- Developed a full-stack clone of Quora with features like login, registration, posting, editing, deleting, searching users, user profile management, following/unfollowing users.
- Enhanced user experience with AJAX, reducing response time via asynchronous data retrieval.
- Improved security and performance using prepared statements, reducing risk of SQL injection attacks, and decreasing query processing time. Secured sensitive data with symmetric encryption for decreasing data vulnerability, used HTTP-only cookies for reducing risks of XSS (Cross-Site Scripting) attacks.

### JustNote (Notepad App) | [Link](#)

*Java*

- Implemented key file operations like open, new, save, save as, and exit, alongside editing features like undo, redo, find, and find/replace, improving the user experience.
- Led the development of a prompt-to-save feature and added functionality to retrieve last saved font selections, enhancing user experience and data protection.
- Optimized performance by implementing multi-threading for font loading, reducing font load time, also provided formatting options for customizing the font family, style, and size.

## CERTIFICATIONS

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- Problem Solving, Java, and SQL (Basic) Certifications - **HackerRank**
- Postman API Fundamentals Expert Certification - **Postman**
- Research Paper Publication - **International Research Journal of Engineering and Technology**

## HONORS & AWARDS

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- Secured 3rd position in AlgoHack Hackathon, organized by AlgoPrep.
- Aced Coding World Cup Powered By Logitech :- Rank:- 380 out of 51626, GFG Contest Rank :- 26
- Achieved rank 154 among 17k+ participants while contributing to open source projects at GSSOC 2024