



# Rana Ali Raza

## Software Engineer

Passionate about creating efficient code, optimizing user experiences, and delivering exceptional results. Strong problem-solving skills and a collaborative mindset, combined with a keen eye for detail, ensuring the delivery of robust and scalable software solutions. Committed to staying up-to-date with emerging technologies and industry trends to continuously enhance skills & adapt to evolving challenges.

## Experience

### Software Engineer

Jul 2023 - Present

#### Scenarios

- MERN Stack Web Application Development (React.js, Next.js, TypeScript, Material UI, Chakra UI, Ant Design, Node.js, MongoDB, SQL, PostgreSQL, Express.js, RTK).
- Cross-functional collaboration for feature implementation, ensuring project timeline adherence.
- Full software development lifecycle involvement (design, coding, testing, deployment).
- Design user-friendly responsive interfaces using React.js, HTML, CSS & JavaScript.
- RESTful API development with Express.js & MongoDB integration.
- Git version control for code collaboration & change tracking.
- Code reviews, bug identification, and performance enhancements.
- Active research on emerging web development technologies & trends.

### Associate Software Engineer

Jun 2021 - Jul 2023

#### CbSol

- MERN Stack Web Application Development (React.js, Next.js, TypeScript, Material UI, Chakra UI, Ant Design, Node.js, MongoDB, Express.js, RTK).
- Collaboration with cross-functional teams to implement features & meet project timelines.
- Involvement in the entire software development lifecycle, from design to deployment.
- Creation of responsive & user-friendly interfaces using React.js, HTML, CSS & JavaScript.
- Development of RESTful APIs with Express.js and MongoDB integration.
- Utilization of Git for code version control & collaboration.
- Conducting code reviews, identifying & fixing bugs & enhancing application performance.
- Proactive research on emerging web development technologies & trends.

## Projects

### StinkBait

- Leveraged Cyber Security Knowledge Hub for research, using a semantic search engine for efficient information retrieval. Enhanced report creation with AI-assisted tools for optimal efficiency.
- Developed StinkBait, a Next.js chat bot leveraging GPT and embedding endpoints. Integration with Open AI. Implemented robust support for Admin/User profiles, Target campaigns, Target organizations, & Target people functionalities.
- Utilized Next JS, TypeScript, Node JS & various AWS services to ensure scalability & efficient deployment.

### Beemz

- An integrated platform connecting people & places, facilitating discovery, chat, sharing, & event collaboration. Features include chat, posting, navigation & event creation for seamless connection & information access with people, friends, family & local places.

## Contact

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## Education

2017-2021

### BS Software Engineering

COMSATS University Islamabad

## Skills

- JavaScript
- Next Js
- Material UI
- Ant Design
- Styled Comp
- RTK Query
- Node Js
- MongoDB
- Firebase
- SQL
- Socket
- AWS Lambda
- AWS Cognito
- AWS Batch
- HTML
- Tailwind CSS
- HubSpot
- React Js
- Typescript
- Chakra UI
- React-Bootstrap
- Redux
- Base Query
- Express Js
- AWS DynamoDB
- Prisma PostgreSQL
- OAuth
- AWS Amplify
- AWS Cloud Watch
- AWS S3 Bucket
- AWS Api Gateway
- CSS
- SCSS
- Teachable

## Language

- English
- Urdu
- Punjabi

## Interests

- Cricket
- Read History
- Watch Documentaries

- Spearheading the development of a comprehensive platform using React, Node, Express, Firebase, MongoDB.
- Integrating third party APIs: Payment Gateway, Google Maps API, OAuth, Facebook Login API, & Many AWS services.

## Plugin Chat App

- Developed a Plugin chat app in React.js with SCSS, offering customized styling options.
- Features include multiple simultaneous chats, message deletion for everyone and for me, different settings & customized UI, similar to LinkedIn chat app functionalities.
- Utilized Node.js, Express.js with TypeScript for the backend & DynamoDB for data storage. Integrated S3 buckets for media storage.

## Commenty

- Spearheaded the design & development of Commenty, a comprehensive platform for Facebook ad campaign management, insights retrieval & customer outreach.
- Integrated with Facebook Marketing API for real-time campaign management.
- Utilized Node.js, Socket.IO, React.js, Material UI, Stripe, Send Grid, Twilio, & Mongoose for a secure & streamlined user experience. Seamless integrations with E-commerce platforms, OAuth, Stripe optimized business operations & monetization.

## Ninja Warriors

- Developing an innovative blockchain gaming ecosystem utilizing Next.js & MongoDB.
- Incorporating web3.js and ether.js to enhance blockchain functionalities & interactions within the gaming ecosystem. Integrating third-party APIs for payment gateways, OAuth, and AWS services to address high entry barriers & mitigate the impact of market volatility on rewards
- Addressing key issues in the Play-to-Earn (P2E) space: reducing entry barriers and mitigating the impact of market volatility on rewards.

## Train GRC

- Contributed significantly to Train GRC, a full-service web platform for Train GRC Academy students & GRC professionals in cybersecurity. Leveraged AWS services (API Gateway, Lambda Functions, DynamoDB, S3 bucket, Cloud Formation, CI/CD Pipeline) on AWS Amplify for robust functionality & scalability.
- Developed custom Lambda functions for seamless data retrieval, price plans & display from third party platforms.
- Worked with Teachable & HubSpot for optimal user experience & course management.

## Su-Chino

- Developed Su-Chino, a sophisticated platform for instructors & students. Enabled course registration, assignment submissions, quizzes, video lectures & blog interactions.
- Employed Node.js, Firebase, Firebase Cloud Storage, OAuth & Stripe Integration for secure & reliable RESTful APIs.
- Implemented advanced front-end features using Next.js, Chakra UI, SASS, & React Query's useQuery for optimized performance & enhanced user experience

## WakaCast

- Engineered WakaCast an innovative production platform catering to actors, directors & equipment provider companies in the film & drama industry.
- Leveraged React, TypeScript & React Query's useMutation for improved performance & efficient data management.
- Integrated Node.js, S3 Bucket & Mongoose for seamless RESTful API development & data storage. Hosted on Netlify for reliable performance and smooth accessibility.