Ritik Banger

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https://thetechinfinite.com | https://answerpup.com

LinkedIn | Leetcode | Codechef | Stackoverflow | Github | Research Gate

Objective:

I am looking forward to an opportunity to work in the esteemed organization, where I can utilize my skills for developing my career and for the growth of the organization.

Introduction:

I'm a Multi Stack Engineer skilled in JavaScript and Python, adept at solving complex problems. I specialize in designing TypeScript-based web apps in a test-driven environment, and I specialize in deploying them to the cloud. I am also engaged in creating AI Chatbots solutions.

- *Creator of react18-input-otp NPM Package (75K+ monthly downloads, 950K downloads so far).*
- *Contributor to Jenkins (Docker CI), React Hook Form, Core JS, Webpack.*
- *Authored 300+ technical blogs with 50K+ monthly views. Active on Stack Overflow (6M+ reach) and Quora (70K+ views).*
- *Authored the viral TypeScript zero-to-hero guide that received an impression of over 2M on LinkedIn*

Academic:

- *B.Tech.in Computer Engineering from Poornima Institute of Engineering and Technology (PIET) affiliated with Rajasthan Technical University with 9.4 CGPA in 2022.*
- *12th Science-Math from CBSE at Sangam School of Excellence, Bhilwara with 88.40% in 2018.*
- *10th from RBSE at Dr. Central Academy Senior Secondary School, Bari Sadri with 95% in 2016 (District Merit Holder)*

Technical Skills:

- **Web Development:** *HTML, CSS*
- **Database:** *MySQL, PostgreSQL, Milvus, Redis, Elasticsearch, Dgraph*
- **Languages:** *Javascript(proficient), TypeScript(proficient), Python(intermediate), C(intermediate), C++(intermediate)*
- **Framework/Libraries:** *ReactJS, NextJS, NodeJS, FastAPI, Django*
- **CMS:** *Wordpress, Shopify*
- **Cloud:** *AWS (Lambda, S3, EC2, App Sync, Secret Manager, Cloudfront, IAM user, Code Commit)*
- **OS:** *Ubuntu, Windows*

Work Experience:

- *Software Engineer at Biz4Group LLC (Jaipur) (Oct. 21- Present)*
    - o **Responsibility**: *To develop bespoke solutions ranging from trading and casino web applications to Generative AI web applications. To do extensive peer code reviews.*
- *Shopify Developer at Ecommasters (Remote) (Mid 2021)*
    - o **Responsibility**: *To manage shopify based ecommerce solutions and adding new features to them. Managed brand websites like skinq, ebstore, uniqaya, oujasya for six months.*
- *Web Developer and Digital Marketing Intern at Weeple Business Solutions(Remote)(July 19-Aug. 19)*
    - o **Responsibility**: *To create the business identity and hack growth brand rank.*
- *Web Developer and Digital Marketing Intern at Planify Consultancy Private Limited (Remote)(Nov.18-June 19)*
    - o **Responsibility**: *To design and develop the website using CMS and create the brand identity.*

Training:

- *Python Specialization*, University of Michigan (Coursera)
- *Digital Marketing for Business*, Udemy
- *Social Media Marketing*, E-Marketing Institute
- *C programming by IIT Kharagpur*, NPTEL

Achievements:

- *Innovation award for work in AI,* Biz4Group LLC (2023)
- *Three times- Star of the Month award,* Biz4Group LLC (October 22, April 23, July 23)
- *Cruising & Crushing It (Delivering the best quality code) award,* Biz4Group LLC (2022)
- *Research Paper entitled "Electricity Generation From PV TR Cells at Day and Night Time from Space Energy" published in* Juni Khyat Journal (May 2020 Edition)
- *Three times- Silver Medalist, Academics,* PIET (First Year, Second Year, Final Year)
- *Research Paper entitled "A study on Blockchain and Cryptography" published in* JETIR (May 2019 Edition)
- *Outstanding Student of the Year,* PIET (2019)
- *Best Campus Ambassador*, MNIT Jaipur (2019)
- *Performance Excellence Awa*rd, Planify Consultancy Pvt. Ltd. (2019)
- *Multi Tasking disorder award,* Sangam School of Excellence (2018)
- *Among Top 40 Cyber Security News Writers across the world,* Feedspot, International(2018)
- *Among Top 100 Infosec Bloggers across the world*, Feedspot, International(2017) (For Hacker Ritz Blog)
- *Best Student Writers*, Kalam Foundation, India(2016)
- *Chittorgarh District Merit Holder*(Rank:04)(2016)

Projects:

- **Roundtable Trading**
  - <u>Description</u>: The RoundTable web application was built specifically for buying, selling, and trading in the Coin Industry.
  - <u>My Role:</u> Worked on Frontend using ReactJS, Storybook, Auth0. Implemented bidding, purchase, and posting features where traders can buy and sell. Also, Users can post, like, and comment in their specific domain based groups. Worked on Backend using NodeJS to create multiple microservices for real-time bidding, comments, likes, posting and selling commodities.

- **Lazify**
  - <u>Description</u>: Lazify is an automated customer service product that offers fully automated conversations while maintaining the human touch of customer support.
  - <u>My Role:</u> Worked on Frontend using Vite and ReactJS.. Implemented chatbot functionality, Infinite scroll, websockets, and authentication. Worked on Backend using Django and FastAPI to create the logic of chatbot using advanced RAG algorithms.

- **Valinor AI**
  - <u>Description</u>: Valinor is dedicated to helping pass down your stories, lessons, culture, and legacy to future generations. Using our easy and secure interview process, anyone can create a digital version of themselves for spouses, children, grandchildren, and beyond to learn from and interact with.
  - <u>My Role:</u> Worked on Backend using FastAPI to create the logic of chatbot using generative AIs.

- **Stackr Casino**
  - <u>Description</u>: Stackr Casino is an adult casino website where users can bet and win using real currency.
  - <u>My Role:</u> Worked on Backend using NodeJS to create the wallet microservice for real time purchases and gameplay. Integrated wallet, Betsoft games in backend as well as on frontend using NextJS.

- **Truman**

- ○ <u>Description</u>: Truman is an AI chatbot that consults patients regarding their potential disease and then suggests herbal medicine based on a custom knowledge base.
- ○ <u>My Role:</u> Worked on Frontend using NextJS and websocket to connect the chatbot to backend, Infinite scrolls for chat history, and chatbot based authentication. Worked on Backend using FastAPI to create the logic of the chatbot that includes advanced RAG algorithms, agents, custom tailored heuristic searching.

Positions of Responsibility:

- Vice President: Helping Hands Group (NGO), Jaipur (2021-2022)
- Academic Mentor: C-Programming, PIET (2019-2020)
- Led a team of 15 members as Editor-in-chief at The Tech Infinite
- Chair Secretary, Yi YUVA (Affiliated with CII) PIET, Jaipur Chapter (2019)

Recommendations:

- Ritik's level of commitment, synergy with other students and never-say-die attitude makes him outstanding.
  - Rahul Singhi, Co-Founder and Director, Poornima University

- I would highly recommend Ritik Banger, as far as his core competence is concerned, he has a positive and enthusiastic tone for work, He has a very good knowledge of his scope and is constantly trying to learn new things to become even better. I watched Ritik Banger, my student; grow into an outstanding individual who excels in both his academic & personal pursuits.
  - Dr. Ritu Soryan, Dean Student's Welfare, Dronacharya college of engineering

- An excellent mentor with abundance of knowledge. He is very dedicated towards his goal and is always ready to help. He has a zest to make everything better than it already is which makes him someone who is running alongside the developing tech world. Approachable, hard worker and someone who keeps everyone going is how I remember him.
  - Palak Vora, Senior Product Security Engineer, Connectwise