Bishal Deb

Full Stack Developer

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Versatile Full Stack Developer, seamlessly bridging frontend & backend expertise for dynamic web solutions

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Work Experience

Full Stack Developer – InfyBytes AI Labs, Bangalore   *Jan '23 - ongoing*
Links - Website, App (Play Store), LinkedIn

- Developing a **React-GraphQL** dashboard with a **Node.js-Hasura** backend, providing a user-friendly interface for content management.
- Contributing to a **Next.js** web app for interactive student activities, optimizing code for faster load times on slow connections, automated deployment with **Github Actions** and **AWS CodePipeline**.
- Designed a PDF generation service using **Puppeteer**, **Next.js**, **Chakra-UI**, and **AWS Lambda** for seamless worksheet creation for offline use.
- Created a Typeform-like service in **Next.js** for generating and using questionnaires within the app or web app.

Full Stack Developer – POLO, Tummo Labs, Nashik *(2 years)*   *Jan '21 - Dec '22*
Links - App (Play Store), LinkedIn

- Developed backend services from scratch using **Node.js, MongoDB** and **GraphQL** for the app and dashboard; automated deployment with **Docker**, **GitLab CI/C**D and **Kubernetes**.
- Created a company homepage and data tracking dashboard using **Next.js** and **Chakra UI**; integrated **GraphQL subscriptions** for real-time data updates and vendor product management functionality for an in-app shop.
- Contributed to **Flutter app development**, including real-time phone usage tracking, leaderboard updates, and shop integration for point redemption.

(Internship) Software Developer – MyWays, Delhi *(2.5 months)*   *May '20 - Aug '20*
Links - Website, LinkedIn

- **Led** and **managed** the development team, ensuring a bug-free website and established **coding standards**.
- Developed chat and notification features with **WebSockets** and implemented Traineeship and Jobs, and Drop Your CV modules, filters and pagination, along with integrating **APIs** for resume parser implementation.
- Deployed a partner company's website (i2c) on an **EC2** server using **PM2** and **NGINX.**.

(Internship) Web Developer - LensHood, Guwahati (*9 months*)   *Mar '19 - Nov '19*
Link - LinkedIn

- Developed the startup's website using **React-Antd-GraphQL** ensuring responsiveness across devices.
- Implemented referral, live search, and parts of order, listing, and user modules, including authentication and verification, and form validations.

Skills

Languages – JavaScript, TypeScript, C, Python, C++, Dart.

Development –

- *Frontend* - CSS, HTML, ReactJS, NextJs, EJS, Antd, Bootstrap, Semantic-UI, Chakra UI, Tailwind.
- *Backend* - GraphQL, ExpressJS, NodeJS, Flask, Hasura.
- *Database* - MongoDB, MySQL, Firebase, SQL Server, PostgreSQL.
- *App* - React-Native, Flutter.
- **Tools & Technologies –** Git, Docker, Android Studio, AWS, Kubernetes.

Projects

(Freelance) Custom Auth0 for Brainayan which allows login with credentials of one webapp in another. It redirects to the app having creds, logs in the user and then redirects back to the app which initialized login with the apt access and refresh tokens.	*Aug '21 - Nov '21*
(Freelance) Webapp for Edgenus based on React-GraphQL-Antd stack. I mainly worked on the blog module, skills module and modules related to user and comments.	*Mar '20 - May '20*
(Freelance) NodeJS Starter Kit based on React-GraphQL-Antd stack. It can be used as a framework for the development of other websites, with functionalities/modules like listings, verifications, blog among others. link	*Nov '19 - Jun '20*
Mentor - NWoC, IIT Patna and **KWoC, IIT KGP -** Mentored the participants of Kharagpur Winter of Code (KWoC) and Njack Winter of Code (NWoC) who were new to GitHub to learn the technology along with helping them work on projects under the event for the duration. Certificate (NWoC) Certificate (KWoC).	*Dec '19 - Jan '20*
Library Management System, using the PHP-MySQL stack, having functionalities to add, delete, reserve, issue books by registered users, and the calculation of late fine, everything managed by admin users. link	*Nov '19*
(Freelance) Website for IEEE, Tezpur University based on MERN stack. It has the features to add events, photographs and update the current members by the website admins year wise.	*May '19 - Sep '19*
Participant - NWoC, IIT Patna and **KWoC, IIT KGP -** Contributed to different projects in webdev in Kharagpur Winter of Code (KWoC) and Njack Winter of Code (NWoC) and learnt the basics of open source with GitHub. Certificate. Details, Certificate .	*Dec '18 - Jan '19*
Keep-Clone, based on Google Keep, was built using React and Firebase. The webapp has functionalities to add notes in various forms like the markdown text, list or hand-drawn, all of which gets stored in Google Firebase's online database. link	*Dec '18 - Jan '19*

Education

B. Tech (Computer Science and Engineering), *Tezpur University, Tezpur*	*2017 – 2021*
- CGPA – 8.7	
HSSLC (MBOSE), *St. Anthony's Higher Secondary School, Shillong*	*2015 – 2017*
- Percentage – 91.40% (PCMB)	
- **3rd** Rank Holder in the state of Meghalaya, India.	

Languages

- *English*
- *Hindi*
- *Bengali*
- *Assamese*

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