

# Afsana Zaman Nipa

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## SUMMARY

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Full Stack Developer with 6+ years of professional experience in frontend and full-stack web development, specializing in React.js, Next.js, TypeScript, and Node.js. Experienced in building scalable admin panels, real-time systems, and cloud-based file management solutions. Strong foundation in machine learning, NLP, and Python-based data analysis using Scikit-learn.

## SKILLS

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Programming Languages	<b>TypeScript</b> , JavaScript, Python
Frontend	<b>React.js, Next.js</b> , Redux, Zustand, HTML5, CSS3, Storybook
CSS Frameworks	TailwindCSS, Ant Design, Bootstrap, styled-components
Testing	<b>Jest</b>
Backend	<b>REST, GraphQL</b> , Node.js, Express.js, MongoDB, gRPC
Deployment	Vercel, Netlify, GCP, AWS
DevOps	CI/CD, Docker (basic)
Machine Learning	Scikit-learn, TensorFlow, Naive Bayes, NLP
Data Processing & Visualization Tools	NumPy, Pandas, Matplotlib, Seaborn, Plotly, MATLAB
	Git, GitHub, Figma

## WORK EXPERIENCE

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### Freelance Software Developer (Full Stack)

April 2024 - ongoing

- Designed and developed a scalable file management system on GCP, enabling users to upload, organize, and share files efficiently, leveraging Cloud Storage to optimize performance and reliability.
- Contributed to the development of a multi-platform healthcare marketplace (web and mobile), implementing vendor and clinic-facing user interfaces with payment gateway integration, SEO optimization, and accessibility (a11y) best practices.

### AINIX IT - Software Developer

January 2024 - April 2024

- Developed responsive and pixel-perfect UIs based on Figma designs using React.js, Next.js, and TypeScript.
- Integrated GraphQL, REST, and Connect-Web APIs to enable dynamic, scalable data fetching.

### Cloud Production LTD - Software Developer

April 2022 - December 2023

- Developed and led frontend implementation of a scalable admin panel for a Duolingo-style quiz learning platform, enabling creation of complex, interactive question types including audio-based word selection, image-assisted prompts, sentence construction, and conversation-driven MCQ exercises.
- Built a real-time communication system using Connect-Web and Connect-Node, enabling low-latency data exchange between frontend and backend services.
- Developed a scalable admin panel for an advertising agency using React and TypeScript, integrating with gRPC proto files and leveraging Storybook to build and document reusable UI components, enabling efficient campaign and client management.

### Invariant Telecom LTD - Software Engineer

May 2021 - December 2021

- Built scalable frontend features by converting Figma designs into reusable React and TypeScript components aligned with design system standards using Ant Design.

## GraphicPeople - Web Developer

October 2019 - December 2020

- Developed Complex designed cross-client Email Templates and HTML5 banner for Dell with consistent rendering using HTML5, CSS3, Javascript, GSAP.

## PROJECTS

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### Spam / Phishing Email Detection using Naive Bayes

[Github](#)

Built an NLP-based spam and phishing detection using Naive Bayes and performed text preprocessing, feature extraction (TF-IDF), and model evaluation

### Rent A Room

[Demo](#)

Developed a responsive Airbnb-style room rental frontend using React.js and Next.js, featuring dynamic listings, modern UI components, and seamless user navigation.

## EDUCATION

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B.Sc. (CSE) at **Military Institute of Science and Technology** - CGPA - 3.32