

# Sourav Ahmed

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## Education

**Shahjalal University of Science and Technology**, Sylhet, Bangladesh

**Software Engineering** | Jan'19 - Jan'24 | **CGPA:** 3.64

## Experience

**Intern Software Engineer** | **ShellBeeHaken Ltd.** | Feb'23 - Aug'23 • Worked as an intern in a corporate environment, contributing to live projects.

**Associate Software Engineer** | **ShellBeeHaken Ltd.** | Aug'23 - Nov'24 • Extended an offer for a permanent position after internship completion.

**Software Engineer I** | **Pathao Ltd.** | Dec'24 - Present • Full-Stack Engineer at the Data Engineering.

## Works

### [Mapage](#)

A reservation and payment management system. Worked on real-time communication and design implementation. • NextJs • MongoDB

### [UUORK](#)

A virtual company management platform. Worked on responsiveness, authentication, real-time communication, and bug fixing. • NextJs • ElectronJs

### [Honnemir](#)

A voting website with image, video, and audio support. Implemented designs and handled the voting, uploading, viewing, and admin flow. • NextJs • GraphQL • AWS Amplify

### [KriyaKarak](#)

A platform for creatives for reservations and payment management. Worked on payment disbursement system, admin panel, and app backend development. • NextJs • MongoDB

### [Pathao Map](#)

Developed the community contribution platform, handled access control, and worked in a distributed system. • GoLang • Vuejs • NuxtJs • Docker

## Projects

### [uBookSharing](#)

A university-based book-sharing app with renting, buying, etc. options. • Flutter • Firebase • Rive

### [Hall Management](#)

A website for managing form submissions, validation, issue submissions, notices, payments, illegal student finding, etc. • ReactJs • ExpressJs • MySQL • [Frontend Code](#) | [Backend Code](#) | [SRS](#)

### [Obstacle Detection](#)

An app using TensorFlow that describes and warns about obstacles. • Java • TensorFlow • Computer Vision

### [Sync Play](#)

A collaborative video-watching platform with shared media controls for both locally stored and cloud-based videos. • NextJs • Socket.IO • Firebase

### [FTP Searcher](#)

A web and desktop application that aggregates and lists user-specific active FTP links from Bangladesh for easy access. • NextJs • ElectronJs

## Publications

### [IPA Transcription of Bengali Texts](#)

The paper advocates for a standardized Bengali IPA, with a new dataset and model, to advance the development of NLP applications. • Pandas • TensorFlow