Sourav Ahmed

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Education

Bachelor of Science (BSc)

Shahjalal University of Science and Technology, Sylhet, Bangladesh

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

Higher Secondary Certificate (HSC)

Notre Dame College, Dhaka, Bangladesh **Science** | Jan'16 - Dec-18 | **GPA**: 5.00

Secondary School Certificate (SSC)

Manikganj Govt. High School, Manikganj, Bangladesh **Science** | Jan'11 - Dec-15 | **GPA**: 5.00

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

[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

[Obstacle Detection](#)

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

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

Achievements

- **Govt. Talent Hunt | 1st place** in regional | Oct'16 | Sept'17
- **SJ Innovation Hackathon | Innovative Idea Prize** in the Medical Category. | Oct'21
- **Hack NSU | 5th place** in the Medical Category. | Feb'22
- **BdApps National Hackathon 2022 | 1st place** in Regional Round 3: Sylhet, out of 100+ teams. | Aug'22
- **Idea Competition of Mobile App Game & Job Festival 2023 | 1st Runner Up** | Mar'23

Co-curricular

- **Creative Executive** at SUST ACM Student Chapter | Jul'22 - Jan'23
- **Assistant Treasurer** at Maavoi Abritti Samsad, SUST | Jan'20 - Jul'20
- **Assistant Office Secretary** at Manikganj Shamprity, SUST | Jan'22 - Aug'22
- **Organizing Committee Member** at SUST SWE Technovent, IICT | Nov'23