

# B M Shams Nahid

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 7 years of experience in end-to-end application development using JavaScript technologies and AWS Cloud. Proven track record of optimizing systems and enhancing developer productivity. AWS certified with expertise in Node.js, React, React Native, and MongoDB. Collaborate with international teams across USA, Singapore, Japan, and Denmark. Open-source contributor with 600+ applications using my code libraries and 6k+ technical community reputation.

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## SKILLS

- **Backend:** JavaScript, TypeScript, Node.js, Express.js, Feathers, LoopBack, REST API
- **Frontend:** React, Angular, Redux, MobX, jQuery
- **Mobile:** React Native, Expo, Ionic
- **Databases:** MongoDB, DynamoDB, SQL, PostgreSQL, MSSQL, Redis
- **Testing & QA:** Mocha, Jest (Unit Testing), Cypress (Integration Testing), Selenium
- **Cloud & DevOps:** Amazon Web Service (Solution Architect & Developer Associate certified), Serverless Framework, Lambda, API Gateway, Beanstalk, CI/CD, Code Pipeline, Docker, Linux
- **Blockchain:** Ethereum, Web3.js, Truffle Suite
- **Other:** Python, AI, LangChain, OpenAI, Pinecone, Chroma, C#, ASP.NET MVC, .Net Core, Microsoft AppSource, Agile, Scrum, SaaS, Outlook Add-On, Odoo, TDD, BDD, Git

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## EXPERIENCES

### Ixora Solution Ltd.

Remote

Senior Software Engineer

[Jan 2022, Present]

- **Optimized SaaS application performance** by implementing a modular UI architecture, API isolation, and a comprehensive caching strategy, reducing homepage loading time from **17 seconds to under 3 seconds**
- **Eliminated mobile streaming costs** by implementing custom streaming and subscription features through in-app web integration
- **Improved video streaming performance** by implementing cloud storage solutions and automated scheduling, ensuring seamless delivery and preventing system crashes
- **Reduced administrative email communication by over 80%** by introducing self-managing licenses inside the Outlook add-in
- Integrated OpenAI to generate dynamic email templates in the Outlook add-in, enhancing user experience and reducing template creation time
- Developed, published, and maintained 2 Outlook add-ins on Microsoft AppSource: **Smart Template** (ASP.NET MVC with self-managing licensing system) and **Odoo Ex** (.NET Core backend/React frontend for Odoo CRM integration)

Software Engineer

[Jan 2020, Dec 2021]

- **Increased search performance by over 20%** through the implementation of MongoDB Atlas Search
- Developed a targeted mock testing solution for a forked agenda.js library, enabling efficient unit testing without disruptive migration, **reducing job scheduling bugs by 40%** while significantly improving test coverage and reliability
- Enhanced developer experience through CI/CD integration, code refactoring, implementation of common components and hooks, modernization of component architectures, transition from legacy CSS to styled-components, package updates, introduction of development tools, integration of Slack for emergency response, and migration of scripts for streamlined performance and usability, **reducing development time around 10%**

Software Developer

[Jan 2019, Dec 2019]

- Built the front-end development for Case-Track, an automation platform for the Banking Law Division
- Developed and integrated a chat module into an existing task management application

**Softograph Ltd.**

*Assistant Programmer*

**Dhaka, Bangladesh**

[Jun 2018, Dec 2018]

- Developed a CMS application from an existing static site, enabling administrators to customize experiences tailored to different companies, which was successfully deployed and utilized by a Fortune 500 company

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### ACHIEVEMENTS

- 600+ open-source applications are using one of my npm packages
- Helping developers on Stack Overflow and gaining 6k+ reputation
- Recognized as one of the top 50 writers in August 2022 on Hashnode about the AWS topic

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### CERTIFICATIONS

- AWS Certified Solution Architect - Associate
- AWS Certified Developer - Associate
- Certified Scrum Master
- IELTS 7.5

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### EDUCATION

**Griffith Collage**

*M.Sc. in Network and Information Security*

**University of Rajshahi**

*B.Sc. in Computer Science and Engineering*

**Limerick, Ireland**

[Sep, 2025]

**Rajshahi, Bangladesh**

[Jun, 2018]