

# RUBAYAT TAHSIN

Dhaka, Bangladesh • +880-1625756097 • rtweber2004@gmail.com • LinkedIn: rubayat-tahsin • GitHub: OTAKUWeBer

www.weber.is-a.dev

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## SUMMARY

Motivated and self-taught software developer with a foundation in Computer Technology and hands-on experience in full-stack development. Skilled in Python, Flutter, React, and modern tools like Git, Docker, and Firebase. Known for strong problem-solving skills, adaptability, and a passion for continuous learning and applying best practices.

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## WORK EXPERIENCE

### Freelance & Personal Projects – Software Engineer

2021 - Present

- **ChessPilot** – Offline chess autoplayer for Windows/Linux using ONNX and Stockfish. Features automatic board detection, move calculation, auto-play, and a cross-platform GUI.
  - **YumeAnime** – Developed a full-featured anime streaming platform, optimizing video playback across browsers and devices, implementing a responsive UI, and maintaining a robust backend infrastructure.
  - Delivered multiple web and mobile applications for personal projects and small clients, emphasizing clean code, maintainable architecture, and performance optimization.
  - Collaborated with clients to define requirements, implement features, and ensure timely delivery of functional software solutions.
  - Gained comprehensive engineering experience across the software lifecycle: planning, coding, testing, deployment, and post-release improvements.
  - Applied problem-solving, debugging, and performance tuning to create scalable, reliable applications.
  - Strengthened full-stack expertise using modern frameworks, libraries, and best practices for both frontend and backend development.
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## EDUCATION

### Self-Taught Programmer

2020 - Present

- Independently learned programming, full-stack development, and software engineering through personal and client projects.
- Applied skills in building web and mobile applications, practicing coding best practices and software design principles.

### Diploma in Computer Science – Polytechnic

2025 – Ongoing

- Formal coursework in computer science fundamentals, software development, and applied engineering principles.
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## ADDITIONAL INFORMATION

- **Spoken Languages:** English, Bangla, Hindi, Urdu
- **Programming Languages:** Python, C/C++, JavaScript, TypeScript, Dart, HTML/CSS
- **Frameworks & Tools:** Django, Flask, Git, Docker, Flutter, Vercel, MongoDB, FastAPI, React