

Abdelrahman Ahmed

Software Engineer & Open Source enthusiast

📍 Cairo, Egypt
☎ (+20) 10 0868 6055
✉ a.ahmed1026@gmail.com
🐙 [abahmed](#)
🌐 [abahmed12](#)

Experience

Trella | Back End Engineer

C#, Go, REST, SQL | April 2019 - Current

- Worked on building various micro-services architecture of the backend REST API and implementing it using .Net Core and Go
- Worked on designing data stores using PostgreSQL, Elastic Search and Redis
- Setup and deploy micro-services to Kubernetes using different CI/CD pipelines (e.g. Jenkins, Circle CI and Github Actions)
- Continuous work on testing and applying new technologies, or Programming Languages that could improve current performance and stability

Projects & Open Source

Deer | Founder

Electron, React, Redux, CI/CD | Nov 2017 - Current

- A note taking application designed to help users write down thoughts, ideas, notes, or snippets in a very intuitive and hassle-free manner
- Built on Electron, and uses Node.js, React, Redux and Travis CI
- Aims to be free, user friendly, secure, cross- platform and multi-language

Mozilla | Contributor

JavaScript, C, C++ | 2014 - Current

- Fixed various bugs in Firefox (e.g. Web IDE and search components)
- Improved implementation of XMPP in chat core which is used by Thunderbird (Mail Client) and Instantbird (Chat Client) by adding

Education

Bachelor of **Computer Engineering** at Faculty of Engineering, Cairo University (Class of 2016)

Skills

Languages

C/C++, C#, Go, Python, JavaScript, Rust

Databases

PostgreSQL, MySQL, Redis, ElasticSearch

Frameworks

.Net Core, Electron, NodeJS

Platforms

Linux, MacOS, Windows

Cloud

Docker, Kubernetes, AWS, GCP

Tools

Git, Subversion, Mercurial, Jenkins, TravisCI, CircleCI, Github Actions

Awards & Achievements

Google Summer of Code

Worked on [replacing libpurple's XMPP implementation with JavaScript implementation](#) after adding missing features to JavaScript implementation in Chat Core for Instantbird and Thunderbird under Mozilla

Military Status

Completed (Oct 2016 - April 2019)