

Brian Mayo

Date Of Birth: 26/03/1993 | Location: Munich, Germany

EDUCATION

FAMAF

National University Of Córdoba
BSc. in Computer Science
BSc. in Physics
(Incomplete)
2017-2019 | Córdoba, Argentina

UNJU

National University Of Jujuy
Computer Engineering
(Incomplete)
2011-2013 | Jujuy, Argentina

COLEGIO SANTA TERESITA Highschool

Grad. Dec 2010 | Jujuy, Argentina

LINKS

Github:// **protium-dev**
LinkedIn:// **bdmayo**
Dev.to:// **protium**

CERTIFICATIONS

Modern React
Kubernetes Microservices
Deep Learning A-Z
Harvard CS50

SKILLS

PROGRAMMING

JavaScript • Go • Python • C/C++ • C#
Dart • Shell • HTML/CSS

INFRASTRUCTURE

Docker • Kubernetes • GCloud • gRPC
Kiali • Istio • Prometheus • Elastic Search

STORAGE - DB

PostgreSQL • MySQL • MongoDB
Redis • Real Time Database

FAMILIAR WITH:

CordovaJS • Flutter • Qt5
Swift • UDP/RTP • IoT • Firebase
ElectronJS • Terraform • Pentesting
Reverse Engineering • Machine Learning
Github Actions • Service Mesh
Linux Kernel • LateX

EXPERIENCE

KIRINUS HEALTH | Senior Software Engineer

Aug 2021 – Present | Munich, Germany

- Migrated existing API from **NodeJs**/TypeScript to **Go**.
- Defined **Go** conventions and best practices for the dev team.
- Refactored Frontend apps to latest version of **React** and migrated JavaScript to **TypeScript**.
- Increased test coverage of existing projects.
- Collaborated with technical product decisions to re-shape the product.
- **Tech Stack:** NodeJS, ReactJS, Typescript, Jest, ExpressJS, Go, Kubernetes, PostgreSQL, GCloud, Github Actions

MINDDOC HEALTH | Senior Software Engineer

Aug 2019 – Jul 2021 | Munich, Germany

- Developed multiple Web applications with **VueJS** for the online therapy platform, including a full-featured calendar, real time chat and video calls
- Developed mobile client with **Flutter**.
- Developed and maintained microservices built with **NestJS** (calendar, courses and authz services).
- Developed github actions to improve company **CI/CD** workflows.
- **Tech Stack:** NodeJS, VueJS, Typescript, Jest, NestJS, Kubernetes, PostgreSQL, GCloud, Github Actions

SIA INTERACTIVE | Senior Software Engineer | R&D

Jun 2016 – Jul 2019 | Buenos Aires, Argentina

- Developed a cross-platform multimedia player for web, mobile, desktop, and TV, with video wall synchronization, hardware controls and streaming (udp, rtp).
- Migrated a SPA from jQuery to **PolymerJS**.
- Developed a **UDP** low-latency media player synchronization system with NodeJS
- Integrated **LibVLC** in **Android** mobile app for video streaming.
- Embedded **NodeJS** in Android mobile app.
- Developed REST API using **ASP MVC** and **ServiceStack**
- Built a multimedia player with **Qt5 C++**.
- Maintained media player built with **.NET Windows Forms**
- Owned and delivered small side projects built with **ReactJS** and **VueJS**.
- **Tech Stack:** NodeJS, Vue, React, TypeScript, Android, CordovaJS, .NET ASP, WebOS, Tizen, Azure

OPENIX | Chief Technology Officer | Senior Software Developer

Dec 2015 – May 2016 | Jujuy, Argentina

- Acted as Scrum Master for 2 different projects.
- Acted as technical interviewer for new hires.
- Set up conventions and best practices for .NET ASP projects.
- **Tech Stack:** JavaScript, RoR, Django, .NET, Unity, Heroku

COURSEWORK

[Browser Render Optimization](#)

[Web Performance Optimization](#)

[Algorithms Part 2, Princeton University](#)

[Algorithms Part 1, Princeton University](#)

LANGUAGES

Spanish: Native

English: C1

German: A2

REFERENCES

available upon request

VEMN | Software Engineer

Dec 2014 – Dec 2015 | Jujuy, Argentina

- Developed a server-monitoring system with **.NET WCF**, **ASP** and WinServices.
- Built charts and real time visualization of server incidents with **SignalR**
- Developed an appointment system for a private clinic with **ASP MVC**.
- Developed a freight tracking system to optimize delivery and route tracing
- **Tech Stack:** .NET C#, Windows Server, MSSQL, WTFS, JavaScript

FREELANCE SOFTWARE DEVELOPER

Jan 2013 – Sep 2014 | Jujuy, Argentina

- Developed custom Wordpress plugins with **PHP**
- Developed small games for Android and Windows Phone
- Created websites with jQuery and Backbone.
- Setup Linux servers for small companies

BINMOTION | Intern Software Developer

Mar 2012 – Sep 2012 | Jujuy, Argentina

- Developed website with **ASP .NET** and **Silverlight**
- Developed Interactive **XNA** games with Microsoft Kinect SDK ([showcase](#))
- **Tech Stack:** .NET C#, Windows Server, MSSQL, JavaScript