Abhay Ashok Kumar

Software Developer| +91-9042314857 | a.abhay96@gmail.com

SKILLS

PROGRAMMING:
Over 5000 lines:
Erlang • C • C++
Over 1000 lines:
MySQL • Oracle • C # • Unity •
Unreal Engine
Familiar:
• JavaScript • Python

LINKS

Github:// **ssjabatron**
LinkedIn:// **Abhay Ashok Kumar**
Code Wars(Competitive
Programming):// **ssjabatron**
LeetCode(Competitive
Programming):// **ssjabatron**
itch.io(Game Projects):// **ssjabatron**

EDUCATION

JERUSALEM COLLEGE OF ENGINEERING

BE in Computer Science
April 2014 | Chennai, Tamil Nadu,
India
Cum. GPA: 8.23 / 10

D.A.V. SENIOR SECONDARY SCHOOL

Grad. May 2014| Chennai,Tamil
Nadu, India
Percentage: 89%

AWARDS

November 2023 |**14th/21** Trijam
246(Game Jam), itch.io
November 2023 |**3rd/23** Trijam
245(Game Jam), itch.io
November 2023 |**22nd/37** Trijam
244(Game Jam), itch.io
August 2024 |**13th/29** Trijam
244(Game Jam), itch.io

EXPERIENCE

ODYSSEY TECHNOLOGIES LTD. | Lead Programmer

May 2023 - Present | Onsite - Chennai, Tamil Nadu, India
- Technologies used: C, C#.
- Working on PAMs(Pluggable Authentication Modules) to build a custom authentication module in C to support protocols such as SMTP, IMAP/POP3.
- Built a C# library that computes JWS using Native Cryptography functions for .NET applications.
- Implemented Custom Servers of WebAuthn and OAuth2 in Erlang to test and understand the workflow involved during Authentication for implementing custom services

GAMER2MAKER | Game Designer(Apprenticeship)

April 2023 – August 2024 | Remote - Chennai, Tamil Nadu, India
- Technologies Used: Power Point, Unity, Asperite, GitHub, C#
- Working on Top-Down 2d Pixel art Action Arcade Game in a team of 6.
- Project Repository: **Find the Dragon Orbs**

ODYSSEY TECHNOLOGIES LTD. | Deputy Lead Programmer

July 2021 – April 2023 | Onsite - Chennai, Tamil Nadu, India
- Technologies used: Erlang, C, C++, Oracle.
- Built a tool that uploads application reports using SFTP and supported SFTP authentication methods: password, key, password and key(Erlang SFTP library).
- Built a request limiter with a configuration to support the configured Requests per second across the entire server or separate configurations for applications enrolled to the server.

ODYSSEY TECHNOLOGIES LTD. | Junior Programmer

July 2019 – June 2021 | Onsite - Chennai, Tamil Nadu, India
- Technologies used: Erlang, C, C++, Oracle.
- Implemented a Server that exposes APIs for storing and retrieving data from a database. Implemented JSON APIs and server implementation using MochiWeb Erlang Library.
- Improved the working of a directory crawler tool that parses files of various extensions, browser and OS key stores and uploads the formatted data to a server configured in the tool, written in C and C++.

ODYSSEY TECHNOLOGIES LTD. | Trainee Engineer

June 2018 – June 2019 | Onsite - Chennai, Tamil Nadu, India
- Technologies used: Erlang
- Writing small code snippets to make tools for parsing complex data in Erlang.

TROOZE | Front End Developer Intern

July 2017 – October 2017 | Remote - Chennai, Tamil Nadu, India
- Worked with HTML, CSS, JavaScript to build website homepage.