

Akshay K Nair

Email: akshaykn6@gmail.com
Portfolio: <https://akshaykn.vercel.app/>
Mobile: 8301044114, 8606701141
LinkedIn: <https://www.linkedin.com/in/akshay-k-nair/>
StackOverflow: <https://stackoverflow.com/users/7481663/akshay-k-nair>
GitHub: <https://github.com/akshayknz>

EDUCATION

| Qualification | Institution | GPA / Percentage | Year |
|---|---|------------------|------|
| MSc Computer Science | University of Greenwich, London | 2022 Intake | 2022 |
| Bachelor of Technology in Computer Science and Engineering | APJ Abdul Kalam Technological University | 7.51 | 2020 |
| Higher Secondary School | Kerala Department of Higher Secondary Education | 91% | 2016 |
| High School | Central Board of Secondary Education | 9.0 | 2014 |

SKILLS

| | |
|--------------------------|---|
| Languages and Frameworks | <ul style="list-style-type: none">● JavaScript, TypeScript● React, Next.js● Redux● Laravel, PHP● WordPress, WordPress plugin & theme development● MySQL● HTML5, CSS3, CSS Preprocessors● Bootstrap, Styled Components, MaterialUI, JSS |
| Tools | <ul style="list-style-type: none">● Firebase (Authentication, Cloud Firestore, Cloud messaging)● Google Analytics, Google Tag Manager, Google Search Console● AWS● git● Composer, NPM● Linux, Apache |

WORK EXPERIENCE

Software Engineer, Spawoz Technologies (Oct 2020 - March 2022)

- Working extensively in Laravel, React Typescript, WordPress, PHP, HTML5, CSS3.
- Using git, Composer, NPM, Linux, Apache environments.
- Worked on Laravel's Eloquent ORM, Fortify, Sanctum (REST APIs), MySQL.
- Worked on in-house project management application, implementing new features, bug-fixing, and optimizing cron jobs.
- Created projects from scratch and guided developers from start to finish, i.e., from the proposal, requirement outlining, documentation to design, development, testing, and deployment.
- Mentored junior developers.
- Created cross-platform (Mac, Linux, Windows operating systems) applications on Electron JS.
- Created high-performance dashboards with D3.js.

Intern, Spawoz Technologies (Aug 2020 - Sep 2020)

Intern, ATEES Industrial Training (Sep 2017 - Oct 2017)

- Android programming in Dart.

Intern, Livewire Thrissur (Jul 2017 - Aug 2017)

- Development and hands-on training in web technologies. Project management and workflow optimizations.

PROJECTS

- Display portfolio available at <https://akshaykn.vercel.app/>
- Project based on “Moving object detection and tracking Using Convolutional Neural Networks”.
- Design project titled “Bus Automation System”.
- Seminar presentation on “Unauthorized AP detection system using machine learning”.

HONORS / LEADERSHIP ACTIVITIES

Developed computer science department website in Holy Grace Academy

- Designed and developed the Computer Science Department website. Currently available at <https://hgaetech.web.app/>

Developed college technical festival website in Holy Grace Academy

- Designed and developed the registration website for college tech fest, Mystrix 2020.

Kerala Technological Congress paper presentation

- Presented a research paper titled “Autonomous Vehicles for a Better Value of Life” in 4th KETCON (KTU Techfest) 2019.

Sub-District IT Fest

- Scored the First rank with A grade in Web Page Designing with A grade in connection with IT Fest 2014 conducted by the Department of General Education.
- Participated in District level web design competition.

Technical Volunteer

- Volunteered in College Tech Fest 2017 and 2020.

National Service Scheme

- National Service Scheme participation of 240 hours in RMHSS, Aloor during 2014-2016.
- Helped local communities by providing clean drinking water. Conducted local meetings on Swachh Bharath (Government of India initiative). Conducted a 7-day camp with over 70 NSS personnel.

2018 Kerala flood relief survey

- Participated in post-flood relief survey in flood-hit areas in Thrissur.

ECS Energy Conservation Volunteer

- Certified Energy Conservation Volunteer for Energy Conservation Promotion Program (ECP) 2014 organized by Energy Conservation Society (ECS).

Extra-Curricular

- Participated and volunteered in college programs such as Sports Day, Collage Day, Arts Day.
- Received certificates in mime and dance competitions held at the college level.
- Anchored at the 2018 College day and 2019 graduation ceremony.
- Volunteered and Participated in college-level Technology Exhibitions.

INTERNSHIPS / CERTIFICATES

MOOC certification: Privacy and Security in Online Social Media, NPTEL Online Certification program. (Credential ID Reg No.3203153, Enrollment Number:16017873)

Python Programming Essentials by Rice University through Coursera. (Credential: <https://www.coursera.org/account/accomplishments/certificate/AA5KZ589MLAK>)

Introduction to Artificial Intelligence by IBM and offered through Coursera. (Credential: <https://www.coursera.org/account/accomplishments/verify/6P3LS43QQYRS>)

Industrial Visits

- Spectrum Software Pvt. Ltd., Ernakulam (2018)
- Cyber Park, Kozhikode (2019)

PERSONAL DETAILS

Date of Birth: 05 November 1998

Languages known: English (Fluent), Malayalam (Fluent), Tamil, Hindi

Contact information: Mobile: 8301044114, 8606701141

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