

Omkar Chaudhari

Email: omkardeshmukh54@gmail.com | Mobile: +91-7447600386 | Address: Akola, Maharashtra, India
| GitHub: github.com/OmkarC108 | LinkedIn: linkedin.com/in/omkarchaudhari108
MyPortfolio: omkarchaudhari.vercel.app

Profile Summary

Proactive problem solver with excellent communication abilities. Deep knowledge in web development (including JavaScript, HTML-CSS and React). Also Having good command over Data Structure and algorithm using JAVA, C# and basic debugging knowledge in C++ & PYTHON. I'm Seeking opportunities to leverage my technical and leadership skills in a dynamic and growth-oriented organization.

Experience

Software Engineer Intern | *miniOrange, Pune*

Sep 2024 – Present

- Contributed to the .NET team in building security solutions—including Single Sign-On (SSO) using SAML, OAuth/OpenID, and Two-Factor Authentication (2FA) for .NET-based applications (both Core and Framework) and popular CMS platforms such as DotNetNuke (DNN), Umbraco, and nopCommerce.
- Developed BackOffice and Member SSO login support for the Umbraco plugin, and created a shared `UmbracoLogin` library to support both SAML and OAuth plugins across multiple Umbraco versions.
- Implemented multiple 2FA methods, including app-based authenticators (TOTP), OTP via email and SMS along with SSO using SAML and OAuth protocols.
- Developed customer-specific API endpoints to send and verify OTPs with rate limiting for 2FA methods like SMS and email.
- Enhanced the miniOrange REST API plugin for DNN, enabling secure custom API creation using API Key, Basic Auth, and JWT.
- Implemented “Single Logout” (SLO) in the DNN OAuth plugin to log users out from both DNN and the Identity Provider (IdP).
- Integrated dynamic metadata update functionality in the nopCommerce SAML plugin to include updated metadata in SAML requests sent to the Identity Provider (IdP).
- Integrated a troubleshooting option in the nopCommerce plugin to enable admins to debug issues using miniOrange logs.
- **Tech Stack:** ASP.NET, Full-Stack Development, REST APIs, API Authentication, SAML, OAuth/OpenID, 2FA.

Technical Skills

- **Programming Languages:** C#, Python, C++, Java
- **Web Technologies:** HTML, CSS, JavaScript, React.js, ASP.NET (Core and Framework)
- **Authentication & Security:** OAuth 2.0, OpenID Connect, SAML 2.0, Two-Factor Authentication (2FA)
- **Cloud & DevOps:** AWS, Git, GitHub, Postman, REST APIs
- **Tools & Frameworks:** .NET, Entity Framework, Maven, SQL Server, MySQL
- **Other Skills:** Machine Learning (Basics), Data Analysis, Leadership, Team Management, Public Speaking

Major Projects

Smart Health Consulting and Online Health Shopping Portal

- Developed a portal addressing modern health issues using smart health consulting systems.
- Implemented machine learning algorithms to classify diseases based on user input.
- Achieved improved user satisfaction by providing accurate health recommendations.

Weather Prediction Website

- Created a website to estimate weather for my village to assist local farmers.
- Utilized weather prediction algorithms for accurate forecasting.
- Enhanced agricultural planning and decision-making for local farmers.

Java Spring Boot REST API Development

- Developed a comprehensive REST API application using Java Spring Boot.
- Implemented CRUD operations for user management, category APIs, and post APIs with relationships.
- Ensured security using Spring Security with Basic Auth and JWT and implemented role-specific access.

Certifications

- Accenture North America - Data Analytics and Visualization Job Simulation (Forage)
- Data Storytelling for Data Professionals (Udemy)
- Programming for Everybody (Coursera)
- AWS Cloud Practitioner Certificate (AWS)
- SQL (Udemy)

Education

Bachelor of Engineering in Computer Science

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Aug 2018 - Jun 2022
Secured CGPA: 8.45/10

Higher Secondary Certificate (HSC)

Tripura Science College, Latur
Apr 2016 - Apr 2018
Secured Percentage: 76.92%

Secondary School Certificate (SSC)

Lokhit Upper Primary School, Manora
Secured Percentage: 84.60%

Achievements and Other Activities

- Captain of one of the four factions in high school.
- Represented college in regional debate competitions.
- Led the football team in regional championships.
- Junior chess champion in high school.