Code Snippet from Glass Ceiling & Co: Candidate Profile
This code shows the JavaScript code embedded into an HTML file and how the Firebase database, Cloud Firestore was initiated and filled.

```
</div>
              </div>
          </div>
      </div>
      <script src="/__/firebase/7.2.3/firebase-app.js"></script>
      <script src="/__/firebase/init.js"></script>
      <script src="/__/firebase/7.2.3/firebase-auth.js"></script>
      <script src="/__/firebase/7.2.3/firebase-firestore.js"></script>

    </body>
</html>

                  </div>
              </div>
          </div>
      </div>
    </body>

    <script type="text/javascript">

        //initalize the database for the user
        var database = firebase.firestore();

        //figure out how to create a new doc for each User Profile
        //create a collection and document reference for profiles
        const docRef = database.doc("userProfiles/101");

        // assign names to fields that need to be added to DB

        // Name
        const NameHeader = document.querySelector("#text");
        const NameTextField = document.querySelector("#name-top-input");
        // Email
        const EmailHeader = document.querySelector("#text");
        const EmailTextField = document.querySelector("#email-top-input");
        // Phone Number
        const NumberHeader = document.querySelector("#bottom-text");
        const NumberTextField = document.querySelector("#number-bottom-input");
        // Location
        const LocationHeader = document.querySelector("#bottom-text");
        const LocationTextField = document.querySelector("#location-bottom-input");
        // Education
        const EducationHeader = document.querySelector("#bottom-text");
        const EducationTextField = document.querySelector("#education-bottom-input");
        // Website/GitHub URL
        const WebsiteHeader = document.querySelector("#bottom-text");
        const WebsiteTextField = document.querySelector("#website-bottom-input");
        // Affiliations
        const AffilHeader = document.querySelector("#right-text");
        const AffilTextField = document.querySelector("#affil-right-input");
        // LinkedIn
        const LinkedHeader = document.querySelector("#right-text");
        const LinkedTextField = document.querySelector("#linkedin-input")
        //Resume

        // JobSearch
        const JobSearcButton = document.querySelector("#job-input");
        const SaveButton = document.querySelector("#SaveButton");
```

```
        SaveButton.addEventListener("click", function () {

            //onClick of the save button add these fields to DB

            //NametoSave
            const NameToSave = NameTextField.value;
            // Email
            const EmailToSave = EmailTextField.value;
            // Phone Number
            const NumberToSave = NumberTextField.value;
            // Location
            const LocationToSave = LocationTextField.value;
            // Education
            const EducationToSave = EducationTextField.value;
            // Website/GitHub URL
            const WebsiteToSave = WebsiteTextField.value;
            // Affiliations
            const AffilToSave = AffilTextField.value;
            // LinkedIn
            const LinkedToSave = LinkedTextField.value;
            // JobSearch
            const JobSearchSave = JobSearcButton.value;
            console.log("I am going to save data to Firestore")

            docRef.set({
                userName: NameToSave,
                Email: EmailToSave,
                PhoneNumber: NumberToSave,
                Location: LocationToSave,
                Education: EducationToSave,
                Website_URL: WebsiteToSave,
                Affiliations: AffilToSave,
                LinkedIn_URL: LinkedToSave,
                JobSearch: true
            }).then(function(){
                console.log("Name Saved");
                alert("Information Successfuly Saved!");
            }).catch(function (error) {
                console.log("Got an error: ", error);
            });
        })

        </script>
</html>
```

Code Snippet from Glass Ceiling & Co: Company Profile
This code shows the JavaScript code embedded into an HTML file and how the Firebase database, Cloud Firestore was initiated and filled.

```
<script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-app.js"></script>
    <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase.js"></script>
    <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-auth.js"></script>
    <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-
firestore.js"></script>
    <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-
database.js"></script>

</body>

<script type="text/javascript">
    const firebaseConfig = {
        apiKey: "AIzaSyBxsWriEmR_mauf_P9cycsofF2a1rU0i7g",
        authDomain: "glassceilingswe.firebaseapp.com",
        databaseURL: "https://glassceilingswe.firebaseio.com",
        projectId: "glassceilingswe",
        storageBucket: "glassceilingswe.appspot.com",
        messagingSenderId: "318857051230",
        appId: "1:318857051230:web:e8079bd12eb4d37a4dc8cf",
        measurementId: "G-LEHC8NNE1X"
    };

    firebase.initializeApp(firebaseConfig);

    //initalize the database for the user
    var database = firebase.firestore();

    //Company Name
    const NameHeader = document.querySelector("#right-text");
    const NameTextField = document.querySelector("#company");

    //Company Name
    const IDHeader = document.querySelector("#right-text");
    const IDTextField = document.querySelector("#companyID");

    //Company History
    const HistoryHeader = document.querySelector("#right-text");
    const HistoryTextField = document.querySelector("#history-right-input");

    //Diversity & Inclusion
    const DNIHeader = document.querySelector("#right-text");
    const DNITextField = document.querySelector("#dni-right-input");

    //Benefits
    const BenefitHeader = document.querySelector("#right-text");
    const BenefitTextField = document.querySelector("#benefits-right-input");

    //Fun Facts
    const FactHeader = document.querySelector("#right-text");
    const FactHeaderField = document.querySelector("#facts-right-input");

    //onClick of the save button add these fields to DB
    SaveButton.addEventListener("click", function () {

        //NametoSave
        const NameToSave = NameTextField.value;

        //IDtoSave
        const IDToSave = IDTextField.value;
```

```
            //HistorytoSave
            const HistoryToSave = HistoryTextField.value;

            //DNItoSave
            const DNIToSave = DNITextField.value;

            //BenefitstoSave
            const BenefitsToSave = BenefitTextField.value;

            //FactstoSave
            const FactsToSave = FactHeaderField.value;


            console.log("I am going to save data to Firestore")

            //figure out how to create a new doc for each User Profile
            //create a collection and document reference for profiles
            const docRef = database.collection("CompanyProfiles").doc(NameToSave)

            docRef.set({
                CompanyName: NameToSave,
                CompID: IDToSave,
                CompanyHistory: HistoryToSave,
                CompanyDNI: DNIToSave,
                Benefits: BenefitsToSave,
                Fun_Facts: FactsToSave
            })

            const docRef2 = database.collection("CompStatus").doc(NameToSave)

            docRef2.set({
                CompStatus: true

            }).then(function(){
                console.log("Name Saved");
                alert("Information Successfuly Saved!");
                top.location.href = "../signup-login/signup-login.html";
            }).catch(function (error) {
                console.log("Got an error: ", error);
            });
            //navigate to the company landing page


        })

    </script>
</html>
```

```
</div>
        <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-app.js"></script>
        <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase.js"></script>
        <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-auth.js"></script>
        <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-
firestore.js"></script>
        <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-
database.js"></script>
    </body>

    <script type="text/javascript">


        const firebaseConfig = {
            apiKey: "AIzaSyBxsWriEmR_mauf_P9cycsofF2a1rU0i7g",
            authDomain: "glassceilingswe.firebaseapp.com",
            databaseURL: "https://glassceilingswe.firebaseio.com",
            projectId: "glassceilingswe",
            storageBucket: "glassceilingswe.appspot.com",
            messagingSenderId: "318857051230",
            appId: "1:318857051230:web:e8079bd12eb4d37a4dc8cf",
            measurementId: "G-LEHC8NNE1X"
        };

        firebase.initializeApp(firebaseConfig);

        //initalize the database for the user
        var database = firebase.firestore();


        //Company Name
        const NameHeader = document.querySelector("#right-text");
        const NameTextField = document.querySelector("#company");
        //Position Name
        const PositionHeader = document.querySelector("#right-text");
        const PositionTextField = document.querySelector("#position");
        //Location
        const LocationHeader = document.querySelector("#right-text");
        const LocationTextField = document.querySelector("#location");
        //Salary Range
        const SalaryHeader = document.querySelector("#right-text");
        const SalaryTextField = document.querySelector("#salary");
        //Position Type
        const TypeHeader = document.querySelector("#right-text");
        const TypeTextField = document.querySelector("#position-type");
        //Interview Type
        const InterviewHeader = document.querySelector("#right-text");
        const InterviewTextField = document.querySelector("#interview-type");
        //Expiration Date
        const DateHeader = document.querySelector("#right-text");
        const DateTextField = document.querySelector("#expiration");
        //Experience Level
        const ExperienceHeader = document.querySelector("#right-text");
        const ExperienceTextField = document.querySelector("#experience");
        //Requirements Skills & Preferences
        const SkillsHeader = document.querySelector("#right-text");
        const SkillsTextField = document.querySelector("#requirements")
        //Description & Responsibilities
        const ResponsibilitiesHeader = document.querySelector("#right-text");
        const ResponsibilitiesTextField = document.querySelector("#description");
        //onClick of the save button add these fields to DB
```

```javascript
SaveButton.addEventListener("click", function () {
    //Company Name
    const NameToSave = NameTextField.value;

    //Position Name
    const PostionToSave = PositionTextField.value;

    //Location
    const LocationToSave = LocationTextField.value;

    //Salary Range
    const SalaryToSave = SalaryTextField.value;

    //Position Type
    const TypeToSave = TypeTextField.value;

    //Interview Type
    const InterviewToSave = InterviewTextField.value;

    //Expiration Date
    const DateToSave = DateTextField.value;

    //Experience Level
    const ExperienceToSave = ExperienceTextField.value;

    //Requirements Skills & Preferences
    const SkillsToSave = SkillsTextField.value;

    //Description & Responsibilities
    const ResponsibilitiesToSave = ResponsibilitiesTextField.value;

    //create a collection and a new document reference for job profile
    const docRef = database.collection("Job-Posts").doc(NameToSave)

    docRef.set({
        CompanyName: NameToSave,
        Job_Posistion: PostionToSave,
        Location: LocationToSave,
        Salary: SalaryToSave,
        Job_Type: TypeToSave,
        Interview_Type: InterviewToSave,
        Post_Expiration: DateToSave,
        Experience_Level: ExperienceToSave,
        Skills_Preferences: SkillsToSave,
        Responsibilities: ResponsibilitiesToSave
    }).then(function(){
            console.log("Name Saved");
            alert("Information Successfuly Saved!");
            //redirect the company to their landing page
            //top.location.href = "../hiring-landing/landing.html";
    }).catch(function (error) {
            console.log("Got an error: ", error);
    });

})

// could create a button that says add another...


    </script>
</html>
```

Code Snippet from Glass Ceiling & Co: Initialize Authentication Setup
This code shows the JavaScript code is placed into a separate .js file which is imported into the pages containing authentication, Company Signup. It creates a listener on behalf of Firebase and passes in information to necessary for Firebase Authentication to function.

```javascript
const firebaseConfig = {
  apiKey: "AIzaSyBxsWriEmR_mauf_P9cycsofF2a1rU0i7g",
  authDomain: "glassceilingswe.firebaseapp.com",
  databaseURL: "https://glassceilingswe.firebaseio.com",
  projectId: "glassceilingswe",
  storageBucket: "glassceilingswe.appspot.com",
  messagingSenderId: "318857051230",
  appId: "1:318857051230:web:e8079bd12eb4d37a4dc8cf",
  measurementId: "G-LEHC8NNE1X"
};
firebase.initializeApp(firebaseConfig);
var db  = firebase.firestore();


/**
 * Handles the sign up button press.
 */
function handleSignUp() {
  var email = document.getElementById('email').value;
  var password = document.getElementById('password').value;
  //var user = firebase.auth().currentUser;

  if (email.length < 4) {
    alert('Please enter an email address.');
    return;
  }
  if (password.length < 4) {
    alert('Please enter a password.');
    return;
  }
  // Sign in with email and pass.
  // [START createwithemail]
    firebase.auth().createUserWithEmailAndPassword(email, password).catch(function(error)
{
    // Handle Errors here.
    var errorCode = error.code;
    var errorMessage = error.message;
    // [START_EXCLUDE]
    if (errorCode == 'auth/weak-password') {
      alert('The password is too weak.');
    } else {
      alert(errorMessage);
    }
    console.log(error);
    // [END_EXCLUDE]
  });
  // [END createwithemail]
  sendEmail();
}
/**
 * Sends an email verification to the user.
 */
function sendEmail() {
  // [START sendemailverification]
  var user = firebase.auth().currentUser;

  user.sendEmailVerification().then(function() {

    // Email Verification sent!
    // [START_EXCLUDE]
```

```javascript
      alert('Email Verification Sent!');

      companyCheck();
  // Email sent.
    }).catch(function(error) {
  // An error happened.
    });
}


// this is where we check to see if the company is already in the system
function companyCheck(){

  var compName = document.getElementById('company').value;

  //var compRef = db.collection("CompanyProfiles").doc(compName);

  // This points to the collection called 'cities'
  var documentSnapshot = db.collection('CompanyProfiles').doc(compName);

  documentSnapshot.get().then(function(documentSnapshot){
    if (documentSnapshot.exists) {
      // do something with the data
      var data = documentSnapshot.data();
      console.log(data);

      var id = documentSnapshot.get("CompID");

      alert("Your Company already exsist within our system! Your Company ID is, " + id)
      alert("Please sign in")
      top.location.href = "signup-login.html";
      /*create a collection and document reference for profiles
      const docRef = db.collection("CompStatus").doc(email);
      console.log("the references was created");

      docRef.set({
          CompStatus: true

      })*/

      //redirect to landing page where their logged in
      //top.location.href = "../hiring-landing/landingLoggedIn.html";

    } else {

      var CompID = Math.round(Math.random() * 3000)
      console.log(CompID);

      alert('WRITE THIS DOWN, Your Company ID is ' + CompID );
      top.location.href = "../company-profile/company.html";

    }
    }).catch(function(error) {
        console.log("Error getting document:", error);
    });
  }
```

Code Snippet from Glass Ceiling & Co: Initialize Authentication Setup
This code shows the JavaScript code is embedded into the html file which supports the authentication for the Company Login.
It creates a listener on behalf of Firebase and passes in information to necessary for Firebase Authentication to function.

```
</div>
  <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-app.js"></script>
  <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase.js"></script>
  <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-auth.js"></script>
  <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-firestore.js"></script>
  <script src="https://www.gstatic.com/firebasejs/7.5.0/firebase-database.js"></script>

  </body>


  <script type="text/javascript">

  const firebaseConfig = {
    apiKey: "AIzaSyBxsWriEmR_mauf_P9cycsofF2a1rU0i7g",
    authDomain: "glassceilingswe.firebaseapp.com",
    databaseURL: "https://glassceilingswe.firebaseio.com",
    projectId: "glassceilingswe",
    storageBucket: "glassceilingswe.appspot.com",
    messagingSenderId: "318857051230",
    appId: "1:318857051230:web:e8079bd12eb4d37a4dc8cf",
    measurementId: "G-LEHC8NNE1X"
  };

  firebase.initializeApp(firebaseConfig);

  //initalize the database for the user
  var database = firebase.firestore();


  // Email
  const EmailHeader = document.querySelector("#text");
  const EmailTextField = document.querySelector("#email");

  //Company ID
  const CompIDHeader = document.querySelector("#text");
  const CompIDTextField = document.querySelector("#companyID")



  function toggleSignIn() {

  const EmailToSave = EmailTextField.value;
  const CompIDtoSave = CompIDTextField.value;


  var docRef = database.collection("CompStatus");

  var query = docRef.where("doc", "==", EmailToSave).where("compStatus", "==",
true).get();

  if (docRef.length == 0) {
    // [START signout]

      //set a variable for signed in to true
      //onClick of the save button add these fields to DB
      LoginButton.addEventListener("click", function () {

      //create a collection and document reference for profiles
      const docRef = database.collection("CompStatus").doc(EmailToSave)

      docRef.set({
```

```
            CompStatus: false,
        })

        database.collection("CompStatus").doc(EmailToSave).collection("compIDs").add({
                CompID: CompIDtoSave
        }).then(function(){
            console.log("User Logged Out");
            alert("Successfully Logged Out")
            //navigate to the company landing page w/o login icon
            top.location.href = "../../index.html";
        }).catch(function (error) {
            console.log("Got an error: ", error);
        });
        })

    //firebase.auth().signOut();
    // [END signout]
} else {
    var email = document.getElementById('email').value;
    var password = document.getElementById('password').value;
    var identif = document.getElementById('companyID').value;

    if (email.length < 4) {
        alert('Please enter an email address.');
        return;
    }
    if (password.length < 4) {
        alert('Please enter a password.');
        return;
    }
    //check to see if its in the database
    if (identif.length < 3){
        alert('Please enter your Company ID');
    }
    // Sign in with email and pass.
    // [START authwithemail]
    firebase.auth().signInWithEmailAndPassword(email, password).catch(function(error) {

        // Handle Errors here.
        var errorCode = error.code;
        var errorMessage = error.message;
        // [START_EXCLUDE]
        if (errorCode === 'auth/wrong-password') {
            alert('Wrong password.');
        } else {
            alert(errorMessage);
        }
        console.log(error);

        });

        //set a variable for signed in to true
        //onClick of the save button add these fields to DB
        LoginButton.addEventListener("click", function () {

            //NametoSave
        const EmailToSave = EmailTextField.value;
        const CompIDtoSave = CompIDTextField.value;

        //create a collection and document reference for profiles
        const docRef = database.collection("CompStatus").doc(EmailToSave)

        docRef.set({
            CompStatus: true
```

```
        })
        database.collection("CompStatus").doc(EmailToSave).collection("compIDs").add({
                CompID: CompIDtoSave
        }).then(function(){
            console.log("User Logged In");
            alert("Successfully Logged In")
            //navigate to the company landing page w/ login icon
            top.location.href = "../hiring-landing/landingLoggedIn.html";
        }).catch(function (error) {
            console.log("Got an error: ", error);
          });
        })
    }
}

   </script>
   </htmL>
```

Code Snippet from Glass Ceiling & Co: Initialize Authentication Setup
This code shows the JavaScript code is placed into a separate .js file which is imported into the pages containing authentication, Candidate Signup and Login. It creates a listener on behalf of Firebase and passes in information to necessary for Firebase Authentication to function.

```javascript
const firebaseConfig = {
  apiKey: "AIzaSyBxsWriEmR_mauf_P9cycsofF2a1rU0i7g",
  authDomain: "glassceilingswe.firebaseapp.com",
  databaseURL: "https://glassceilingswe.firebaseio.com",
  projectId: "glassceilingswe",
  storageBucket: "glassceilingswe.appspot.com",
  messagingSenderId: "318857051230",
  appId: "1:318857051230:web:e8079bd12eb4d37a4dc8cf",
  measurementId: "G-LEHC8NNE1X"
};
firebase.initializeApp(firebaseConfig);
var db  = firebase.firestore();

/* Handles the sign in button press.
  */
 function toggleSignIn() {
  if (firebase.auth().currentUser) {
    // [START signout]
    firebase.auth().signOut();
    // [END signout]
  } else {
    var email = document.getElementById('email').value;
    var password = document.getElementById('password').value;
    if (email.length < 4) {
      alert('Please enter an email address.');
      return;
    }
    if (password.length < 4) {
      alert('Please enter a password.');
      return;
    }
    // Sign in with email and pass.
    // [START authwithemail]
    firebase.auth().signInWithEmailAndPassword(email, password).catch(function(error) {
      // Handle Errors here.
      var errorCode = error.code;
      var errorMessage = error.message;
      // [START_EXCLUDE]
      if (errorCode === 'auth/wrong-password') {
        alert('Wrong password.');
      } else {
        alert(errorMessage);
      }
      console.log(error);
      document.getElementById('quickstart-sign-in').disabled = false;
      // [END_EXCLUDE]
    });
    // [END authwithemail]
  }
  document.getElementById('quickstart-sign-in').disabled = true;
}
/**
 * Handles the sign up button press.
 */
function handleSignUp() {
  var email = document.getElementById('email').value;
  var password = document.getElementById('password').value;
  if (email.length < 4) {
    alert('Please enter an email address.');
    return;
```

```javascript
  }
  if (password.length < 4) {
    alert('Please enter a password.');
    return;
  }
  // Sign in with email and pass.
  // [START createwithemail]
  firebase.auth().createUserWithEmailAndPassword(email, password).catch(function(error) {
    // Handle Errors here.
    var errorCode = error.code;
    var errorMessage = error.message;
    // [START_EXCLUDE]
    if (errorCode == 'auth/weak-password') {
      alert('The password is too weak.');
    } else {
      alert(errorMessage);
    }
    console.log(error);
    // [END_EXCLUDE]
  });
  // [END createwithemail]
  sendEmailVerification();
}
/**
 * Sends an email verification to the user.
 */
function sendEmailVerification() {
  // [START sendemailverification]
  firebase.auth().currentUser.sendEmailVerification().then(function() {
    // Email Verification sent!
    // [START_EXCLUDE]
    alert('Email Verification Sent!');
    top.location.href = "../user-profile/user.html";

    // [END_EXCLUDE]
  });
  // [END sendemailverification]
}


function sendPasswordReset() {
  var email = document.getElementById('email').value;
  // [START sendpasswordemail]
  firebase. auth().sendPasswordResetEmail(email).then(function() {
    // Password Reset Email Sent!
    // [START_EXCLUDE]
    alert('Password Reset Email Sent!');
    // [END_EXCLUDE]
  }).catch(function(error) {
    // Handle Errors here.
    var errorCode = error.code;
    var errorMessage = error.message;
    // [START_EXCLUDE]
    if (errorCode == 'auth/invalid-email') {
      alert(errorMessage);
    } else if (errorCode == 'auth/user-not-found') {
      alert(errorMessage);
    }
    console.log(error);
    // [END_EXCLUDE]
  });
  // [END sendpasswordemail];
}
```